# WEEKLY RETURN OF MORTALITY

- OF -

MASSACHUSETTS.

Jan. 1, 1887

PUBLISHED BY ORDER OF THE

Mass.; **STATE BOARD OF HEALTH.** Weekly bulletin

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STATE HOUSE, BOSTON.
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# MORTALITY OF MASSACHUSETTS

For the Week ending January 1, 1887.

## Deaths reported to the State Board of Health in 20 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths from Principal Infectious Diseases. | Deaths from Acute Lung Diseases. | Deaths from Diphtheria and Croup | Deaths from Diarrhœal Diseases. | Deaths from Measles. |
|---|---|---|---|---|---|---|---|---|
| Boston, | 390,406 | 201 | 70 | 13 | 57 | 4 | 4 | 3 |
| Worcester, | 68,383 | 26 | 10 | 2 | 11 | 1 | .. | .. |
| Lowell, | 64,051 | 31 | 15 | 6 | 5 | 1 | 1 | 4 |
| Cambridge, | 59,660 | 24 | 6 | 4 | 1 | 1 | .. | .. |
| Fall River, | 56,863 | 17 | 5 | 2 | 3 | .. | .. | .. |
| Lynn, | 45,861 | 15 | 4 | .. | 2 | .. | .. | .. |
| Lawrence, | 38,825 | 13 | 5 | .. | 2 | .. | .. | .. |
| Springfield, | 37,577 | 7 | 3 | 1 | 1 | 1 | .. | .. |
| New Bedford, | 33,393 | 14 | 6 | 1 | 1 | .. | 1 | .. |
| Somerville, | 29,992 | .. | .. | .. | .. | .. | .. | .. |
| Salem, | 28,084 | 13 | 1 | .. | .. | .. | .. | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 15 | 6 | 1 | 2 | 1 | .. | .. |
| Taunton, | 23,674 | 5 | 1 | .. | 2 | .. | .. | .. |
| Haverhill, | 21,795 | .. | .. | .. | .. | .. | .. | .. |
| Gloucester, | 21,713 | 5 | 2 | 1 | .. | .. | .. | .. |
| Brockton, | 20,783 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 19,759 | .. | .. | .. | .. | .. | .. | .. |
| Malden, | 16,407 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,375 | 6 | 0 | 1 | .. | .. | .. | .. |
| Waltham, | 14,609 | 2 | 0 | .. | .. | .. | .. | .. |
| Newburyport, | 13,716 | 1 | 0 | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 4 | 2 | .. | .. | .. | .. | .. |
| Woburn, | 11,750 | 2 | 1 | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | 5 | 0 | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | 6 | 1 | .. | 1 | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Acute Lung Diseases. | Diphtheria and Croup | Diarrhœal Diseases. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 984,262 | 412 | 138 | 32 | 88 | 9 | 6 | 7 |

1887

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 20 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Thirty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 9; measles, 7; diarrhœal diseases, 6; typhoid fever, 5; scarlet fever, 2; cerebro-spinal meningitis, 2; puerperal fever, 1.

No deaths were reported from small-pox and malarial fevers.

There were 88 deaths from acute lung diseases; consumption, 53; and still-births, 28.

From typhoid fever: Cambridge, 2; Boston, Worcester and Fitchburg, 1 each. From scarlet fever: Boston and Gloucester, 1 each. From cerebro-spinal meningitis: Fall River, 2. From puerperal fever: Cambridge, 1.

Deaths from the principal infectious diseases numbered 32 against 45 for the preceding week.

Deaths under five years of age numbered 138 against 118 for the preceding week.

Cases reported in Boston: diphtheria, 28; scarlet fever, 26; measles, 16; and typhoid fever, 14.

There is a slight increase in the mortality from measles and acute lung diseases, and a decrease in the deaths from diphtheria and croup. No noteworthy changes in the other diseases.

Death-rates for the week were: Boston, 26.77; Worcester, 19.76; Lowell, 32.66; Cambridge, 21.36; Fall River, 15.54; Lynn, 16.95; Lawrence, 17.42; Springfield, 9.66; New Bedford, 21.84; Somerville, ——; Salem, 24.05; Holyoke, ——; Chelsea, 30.30; Taunton, 11.41; Haverhill, ——; Gloucester, 11.95; Brockton, ——; Newton, ——; Malden, ——; Fitchburg, 20.28; Waltham, 7.12; Newburyport, 3.80; Northampton, ——.

The total death-rate for the week was 21.77 against 20.50 and 21.05 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

## The Meteorological Record for the week, in Boston, was as follows:

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Jan. 1, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | DURATION. | AMOUNT IN INCHES. |
| December. | | | | | | | | | | | | | | | | | | | |
| Sunday, 26, | 30.196 | 20.0 | 23.0 | 13.0 | 60 | 74 | 81 | 72.0 | N. | N. | N. | 17 | 8 | 8 | O. | O. | O. | | |
| Monday, 27, | 30.059 | 26.0 | 36.0 | 20.0 | 75 | 54 | 67 | 65.0 | S. W. | W. | N. W. | 3 | 18 | 12 | O. | C. | C. | | |
| Tuesday, 28, | 30.227 | 21.0 | 25.0 | 16.0 | 79 | 47 | 54 | 60.0 | W. | W. | W. | 10 | 17 | 12 | C. | C. | C. | | |
| Wednes'y, 29, | 30.300 | 19.0 | 23.0 | 11.0 | 58 | 43 | 57 | 53.0 | W. | N. W. | N. E. | 12 | 14 | 12 | C. | F. | C. | | |
| Thursday, 30, | 30.455 | 11.0 | 14.0 | 6.0 | 62 | 82 | 86 | 77.0 | N. | N. | N. E. | 16 | 19 | 12 | L. S. | L. S. | L. S. | | |
| Friday, 31, | 30.093 | 23.0 | 34.0 | 10.0 | 75 | 100 | 90 | 88.0 | N. E. | N. | N. | 18 | 12 | 10 | L. S. | H. S. | R. | | |
| January. | | | | | | | | | | | | | | | | | | Hours. | Inches. |
| Saturday, 1, | 29.536 | 34.0 | 37.0 | 27.0 | 100 | 95 | 82 | 92.0 | N. E. | W. | W. | Fsh. | 6 | 13 | R. | O. | O. | 40 | 1.01 |
| Week. - - | 30.124 | 22.0 | 27.4 | 14.7 | | | | 72.4 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; H. S., Heavy Snow; L. S., Light Snow.

# MONTHLY MORTALITY

In the 26 smaller towns of Massachusetts as reported to the State Board of Health for the month of December.

The total death-rate of reporting towns for the month was 13.69.

| TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths from | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
| Brookline, | 9,195 | 11 | 3 | 1 | 3 | .. | .. | 1 |
| Marblehead, | 7,518 | 2 | 0 | .. | .. | .. | .. | .. |
| Plymouth, | 7,239 | 10 | 1 | .. | 2 | .. | .. | .. |
| Andover, | 5,711 | 2 | 0 | .. | 1 | .. | .. | .. |
| Stoneham, | 5,652 | 4 | 0 | .. | 2 | .. | .. | .. |
| Westborough, | 4,880 | 1 | 1 | .. | .. | .. | .. | .. |
| Provincetown, | 4,480 | 4 | 2 | .. | .. | .. | .. | .. |
| W. Springfield, | 4,448 | 10 | 0 | 1 | 1 | .. | 1 | .. |
| Hingham, | 4,375 | 3 | 0 | 1 | 1 | .. | 1 | .. |
| Braintree, | 4,040 | 2 | 0 | .. | 1 | .. | .. | .. |
| Randolph, | 3,807 | 3 | 0 | .. | 1 | .. | .. | .. |
| Northbridge, | 3,785 | 4 | 1 | .. | 1 | .. | .. | .. |
| Concord, | 3,727 | 4 | 1 | .. | .. | .. | .. | .. |
| Fairhaven, | 2,880 | 3 | 0 | .. | .. | .. | .. | .. |
| Merrimac, | 2,378 | 3 | 1 | .. | 1 | .. | .. | .. |
| Chelmsford, | 2,304 | 1 | 0 | .. | .. | .. | .. | .. |
| Dalton, | 2,113 | 2 | 0 | 1 | 1 | .. | 1 | .. |
| Norton, | 1,718 | 5 | 0 | .. | 1 | .. | .. | .. |
| Westminster, | 1,556 | 5 | 1 | .. | .. | .. | .. | .. |
| Sterling, | 1,331 | 1 | 0 | 1 | .. | .. | .. | .. |
| Topsfield, | 1,141 | 1 | 0 | 1 | .. | .. | 1 | .. |
| Truro, | 972 | 0 | 0 | .. | .. | .. | .. | .. |
| Rutland, | 963 | 1 | 0 | .. | .. | .. | .. | .. |
| Bolton, | 876 | 1 | 0 | .. | .. | .. | .. | .. |
| Clinton, | 8,975 | 12 | 5 | 2 | .. | .. | .. | 2 |
| Enfield, | 1,010 | 4 | 0 | .. | .. | .. | .. | .. |
| Total of reporting towns, | 86,213 | 99 | 16 | 8 | 16 | .. | 4 | 3 |

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# MORTALITY OF MASSACHUSETTS

For the Week ending January 8, 1887.

## Deaths reported to the State Board of Health in 20 Cities and Towns.

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We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths from | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute Lung Diseases. | Typhoid Fever. | Diphtheria and Croup | Measles. |
| Boston, | 390,406 | 207 | 72 | 28 | 36 | .. | 16 | 2 |
| Worcester, | 68,383 | 17 | 10 | 2 | 4 | .. | 1 | .. |
| Lowell, | 64,051 | 41 | 22 | 12 | 5 | 4 | 1 | 5 |
| Cambridge, | 59,660 | 21 | 7 | 2 | 5 | .. | 1 | .. |
| Fall River, | 56,863 | 24 | 13 | 4 | 3 | 1 | .. | .. |
| Lynn, | 45,861 | 22 | 5 | 1 | 1 | .. | .. | .. |
| Lawrence, | 38,825 | 14 | 8 | 3 | 4 | 1 | 1 | .. |
| Springfield, | 37,577 | 8 | 2 | .. | 2 | .. | .. | .. |
| New Bedford, | 33,393 | 15 | 6 | 1 | 5 | .. | .. | .. |
| Somerville, | 29,992 | .. | .. | .. | .. | .. | .. | .. |
| Salem, | 28,084 | 12 | 6 | 1 | 3 | .. | .. | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 12 | 3 | .. | 3 | .. | .. | .. |
| Taunton, | 23,674 | 2 | 0 | .. | .. | .. | .. | .. |
| Haverhill, | 21,795 | .. | .. | .. | .. | .. | .. | .. |
| Gloucester, | 21,713 | 7 | 3 | 2 | .. | 1 | 1 | .. |
| Brockton, | 20,783 | 6 | 2 | .. | 1 | .. | .. | .. |
| Newton, | 19,759 | 5 | 2 | 2 | .. | .. | .. | .. |
| Malden, | 16,407 | 5 | 2 | .. | 2 | .. | .. | .. |
| Fitchburg, | 15,375 | .. | .. | .. | .. | .. | .. | .. |
| Waltham, | 14,609 | 3 | 1 | .. | .. | .. | .. | .. |
| Newburyport, | 13,716 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 9 | 5 | 4 | 3 | .. | 3 | .. |
| Woburn, | 11,750 | 3 | 1 | .. | 1 | .. | .. | .. |
| Chicopee, | 11,528 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | 2 | 0 | .. | 1 | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Acute Lung Diseases. | Typhoid Fever. | Diphtheria and Croup | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,000,592 | 435 | 170 | 62 | 79 | 7 | 25 | 7 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 20 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Sixty-two deaths were reported from the prevalent infectious diseases: diphtheria and croup, 25: measles, 7; typhoid fever, 7; cerebro-spinal meningitis, 6; scarlet fever, 5; whooping-cough, 5; diarrhœal diseases, 4; erysipelas, 1.

No deaths were reported from small-pox and malarial fevers.

There were 79 deaths from acute lung diseases; consumption, 62; still-births, 24.

From cerebro-spinal meningitis: Fall River, 3; Worcester, New Bedford and Quincy, 1 each. From scarlet fever: Boston, 4; Salem, 1. From whooping-cough: Newton, 2; Boston, Lowell and Lawrence, 1 each. From diarrhœal diseases: Boston, 2; Lowell and Cambridge, 1 each. From erysipelas, Boston, 1.

Deaths from the principal infectious diseases numbered 62 against 32 for the preceding week.

Deaths under five years of age numbered 170 against 138 for the preceding week.

Cases reported in Boston: diphtheria, 32; measles, 25; scarlet fever, 23; and typhoid fever, 7.

Death-rates for the week were: Boston, 27.57; Worcester, 12.92; Lowell, 33.28; Cambridge, 18.69; Fall River, 22.94; Lynn, 24.86; Lawrence, 18.76; Springfield, 11.04; New Bedford, 23.40; Somerville, ——; Salem, 22.22; Holyoke, ——; Chelsea, 24.24; Taunton, 4.40; Haverhill, ——; Gloucester, 16.73; Brockton, 15.00; Newton, 13.05; Malden, 15.85; Fitchburg, ——; Waltham, 10.68; Newburyport, ——; Northampton, ——.

The total death-rate for the week was 22.61 against 21.77 and 20.50 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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## The Meteorological Record for the week, in Boston, was as follows:

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Jan. 8, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | DURATION. | AMOUNT IN INCHES. |
| January. | | | | | | | | | | | | | | | | | | | |
| Sunday, 2, | 29.735 | 16.0 | 36.0 | 6.0 | 66 | 56 | 68 | 63.0 | N. W. | W. | N. W. | 18 | 22 | 26 | O. | C. | C. | | |
| Monday, 3, | 30.444 | 7.0 | 13.0 | 3.0 | 55 | 38 | 58 | 50.0 | N. W. | N. W. | N. W. | 19 | 12 | 11 | C. | C. | C. | | |
| Tuesday, 4, | 30.638 | 14.0 | 20.0 | 1.0 | 55 | 79 | 68 | 67.0 | N. | N. | N. W. | 7 | 7 | 4 | C. | L. S. | L. S. | | |
| Wednes'y, 5, | 30.294 | 32.0 | 35.0 | 16.0 | 75 | 71 | 82 | 76.0 | N. E. | S. E. | E. | 8 | 6 | 12 | C. | O. | R. | | |
| Thursday, 6, | 29.975 | 32.0 | 37.0 | 28.0 | 94 | 85 | 80 | 86.0 | N. | N. | N. | 18 | 13 | 11 | H. S. | O. | O. | | |
| Friday, 7, | 30.262 | 22.0 | 34.0 | 16.0 | 79 | 50 | 68 | 66.0 | W. | N. | N. | 12 | 11 | 19 | C. | O. | O. | | |
| Saturday, 8. | 30.460 | 8.0 | 17.0 | 2.0 | 80 | 72 | 62 | 71.0 | N. | N. | N. | 16 | 15 | 15 | F. | F. | F. | Hours. 30 | Inches. 0.65 |
| Week, - - | 30.258 | 18.7 | | | | | | 68.4 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; H. S., Heavy Snow; L. S., Light Snow.

# WEEKLY RETURN OF MORTALITY

- OF -

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|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute Lung Diseases. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
| Boston, | 390,406 | 199 | 61 | 27 | 36 | 1 | 2 | 20 |
| Worcester, | 68,383 | 28 | 10 | .. | 7 | .. | .. | .. |
| Lowell, | 64,051 | 30 | 13 | 11 | 2 | 4 | 1 | 1 |
| Cambridge, | 59,660 | 22 | 7 | 4 | 2 | 1 | .. | 3. |
| Fall River, | 56,863 | 28 | 15 | 3 | 3 | 3 | .. | .. |
| Lynn, | 45,861 | 9 | 3 | 5 | 1 | .. | 1 | 2 |
| Lawrence, | 38,825 | 11 | 0 | 1 | 2 | .. | 1 | .. |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 7 | 1 | .. | 1 | .. | .. | .. |
| Somerville, | 29,992 | .. | .. | .. | .. | .. | .. | .. |
| Salem. | 28,084 | 14 | 4 | .. | .. | .. | .. | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 9 | 1 | 1 | 3 | .. | .. | 1 |
| Taunton, | 23,674 | 10 | 0 | .. | 1 | .. | .. | .. |
| Haverhill, | 21,795 | .. | .. | .. | .. | .. | .. | .. |
| Gloucester, | 21,713 | .. | .. | .. | .. | .. | .. | .. |
| Brockton, | 20,783 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 19,759 | 4 | 2 | 1 | 1 | .. | .. | 1 |
| Malden, | 16,407 | 5 | 1 | .. | .. | .. | .. | .. |
| Fitchburg, | 15,375 | 5 | 1 | .. | .. | .. | .. | .. |
| Waltham, | 14,609 | 2 | 1 | .. | .. | .. | .. | .. |
| Newburyport, | 13,716 | 6 | 0 | 1 | .. | .. | .. | 1 |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 4 | 1 | .. | 1 | .. | .. | .. |
| Woburn, | 11,750 | 6 | 1 | .. | 2 | .. | .. | .. |
| Chicopee, | 11,528 | 5 | 1 | 1 | .. | .. | .. | 1 |
| Middleborough, | 10,941 | 3 | 0 | .. | .. | .. | .. | .. |
| Weymouth. | 10,740 | .. | .. | .. | .. | .. | .. | .. |

# RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Acute Lung Diseases. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 961,138 | 407 | 123 | 55 | 62 | 9 | 5 | 30 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 20 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Fifty-five deaths were reported from the principal infectious diseases: diphtheria and croup, 30: diarrhœal diseases, 9; typhoid fever, 5; scarlet fever, 3; measles, 3; cerebro-spinal meningitis, 3; erysipelas, 1; whooping-cough, 1.

No deaths were reported from small-pox and malarial fevers.

There were 62 deaths from acute lung diseases: consumption, 65; still-births, 24.

From scarlet fever: Boston, 3. From measles: Lowell, 3. From cerebro-spinal meningitis: Lowell, 2; Lynn, 1. From erysipelas, Boston, 1. From whooping-cough: Lynn, 1.

Deaths from the principal infectious diseases numbered 55 against 62 for the preceding week.

Deaths under five years of age numbered 123 against 170 for the preceding week.

Cases reported in Boston: diphtheria, 38; measles, 35; scarlet fever, 26; and typhoid fever, 5.

Death-rates for the week were: Boston, 26.51; Worcester, 22.84; Lowell, 24.35; Cambridge, 19.58; Fall River, 25.59; Lynn, 10.17; Lawrence, 14.74; Springfield, ——; New Bedford, 10.92; Somerville, ——; Salem, 25.90; Holyoke, ——; Chelsea, 18.18; Taunton, 22.50; Haverhill, ——; Gloucester, ——; Brockton, ——; Newton, 10.52; Malden, 17.80; Fitchburg, 16.90; Waltham, 7.12; Newburyport, 22.80; Northampton, ——.

The total death-rate for the week was 22.02 against 22.61 and 21.77 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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|---|---|---|---|---|---|---|---|

| Week ending Saturday, Jan. 15, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | DURATION. | AMOUNT IN INCHES. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January. | | | | | | | | | | | | | | | | | | | |
| Sunday, 9. | 30.230 | 11.0 | 14.0 | 3.0 | 69 | 84 | 94 | 82.0 | N. | N. | N. | 8 | 8 | 7 | F. | L.S. | L.S. | | |
| Monday, 10. | 29.528 | 18.0 | 28.0 | 10.0 | 81 | 64 | 60 | 68.0 | N.W. | N.W. | N.W. | 6 | 19 | 17 | O. | C. | C. | | |
| Tuesday, 11. | 29.830 | 17.0 | 24.0 | 6.0 | 64 | 50 | 63 | 59.0 | W. | W. | W. | 13 | 15 | 20 | C. | C. | F. | | |
| Wednesday, 12. | 29.660 | 29.0 | 34.0 | 16.0 | 75 | 52 | 63 | 63.0 | S.W. | S.W. | W. | 10 | 14 | 13 | C. | C. | C. | | |
| Thursday, 13. | 30.124 | 32.0 | 36.0 | 28.0 | 61 | 38 | 58 | 57.0 | W. | W. | E. | 14 | 7 | 3 | C. | C. | O. | | |
| Friday, 14. | 29.776 | 21.0 | 37.0 | 11.0 | 100 | 100 | 81 | 94.0 | E. | N. | N.E. | 48 | 26 | 17 | L.S. | R. | L.S. | | |
| Saturday, 15. | 29.764 | 15.0 | 18.0 | 10.0 | 91 | 92 | 68 | 84.0 | N.W. | N. | N. | 6 | 11 | 7 | O. | L.S. | O. | Hours. 41 | Inches. 0.93 † |
| Week. - - | 29.844 | 20.4 | | | | | | 72.4 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; H. S., Heavy Snow; L. S. Light Snow.

† Rain and Melted Snow.

# WEEKLY RETURN OF MORTALITY

- OF -

MASSACHUSETTS.

Jan. 22, 1887

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
JAN 1887

# MORTALITY OF MASSACHUSETTS

For the Week ending January 22, 1887.

## Deaths reported to the State Board of Health in 19 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths from | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Erysipelas. | Diphtheria and Croup |
| Boston, | 390,406 | 175 | 55 | 17 | 36 | 1 | 1 | 13 |
| Worcester, | 68,383 | 28 | 9 | 3 | 8 | .. | .. | 2 |
| Lowell, | 64,051 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 59,660 | 19 | 5 | 1 | 3 | .. | .. | .. |
| Fall River, | 56,863 | 27 | 12 | 3 | 4 | .. | 1 | 2 |
| Lynn, | 45,861 | 14 | 5 | 2 | .. | .. | .. | 2 |
| Lawrence, | 38,825 | .. | .. | .. | .. | .. | .. | .. |
| Springfield, | 37,577 | 10 | 3 | 1 | 1 | 1 | .. | .. |
| New Bedford, | 33,393 | 11 | 5 | 1 | 1 | .. | .. | 1 |
| Somerville, | 29,992 | .. | .. | .. | .. | .. | .. | .. |
| Salem, | 28,084 | 13 | 1 | 2 | 1 | .. | 1 | 1 |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 6 | 1 | .. | 1 | .. | .. | .. |
| Taunton, | 23,674 | .. | .. | .. | .. | .. | .. | .. |
| Haverhill, | 21,795 | .. | .. | .. | .. | .. | .. | .. |
| Gloucester, | 21,713 | 9 | 0 | .. | 2 | .. | .. | .. |
| Brockton, | 20,783 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 19,759 | 1 | 0 | .. | .. | .. | .. | .. |
| Malden, | 16,407 | 11 | 2 | 1 | 1 | .. | .. | 1 |
| Fitchburg, | 15,375 | 4 | 0 | .. | .. | .. | .. | .. |
| Waltham, | 14,609 | 5 | 0 | .. | 1 | .. | .. | .. |
| Newburyport, | 13,716 | 4 | 1 | .. | 1 | .. | .. | .. |
| Northampton, | 12,896 | 6 | 1 | 1 | 1 | .. | .. | 1 |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 9 | 3 | 2 | 3 | .. | 1 | 1 |
| Woburn, | 11,750 | 3 | 0 | .. | 2 | .. | .. | .. |
| Chicopee, | 11,528 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | 2 | 0 | .. | 2 | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Erysipelas. | Diphtheria and Croup |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns. | 895,246 | 357 | 103 | 34 | 68 | 2 | 4 | 24 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 19 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Thirty-four deaths were reported from the principal infectious diseases: diphtheria and croup, 24; erysipelas, 4; diarrhœal diseases, 2; measles, 1; cerebro-spinal meningitis, 1; typhoid fever, 1; puerperal fever, 1.

No deaths were reported from small-pox, malarial fevers and whooping-cough.

There were 68 deaths from consumption; lung diseases, 52; still-births, 16.

From measles: Boston, 1. From cerebro-spinal meningitis: Worcester, 1. From typhoid fever: Boston, 1. From puerperal fever: Fall River, 1.

Deaths from the principal infectious diseases numbered 34 against 55 for the previous week.

Deaths under five years of age numbered 103 against 123 for the previous week.

Cases reported in Boston: scarlet fever, 31; measles, 43; diphtheria, 29; and typhoid fever, 8.

Death-rates for the week were: Boston, 23.31; Worcester, 21.28; Lowell, ——; Cambridge, 16.91; Fall River, 24.68; Lynn, 15.82; Lawrence, ——; Springfield, 13.80; New Bedford, 17.16; Somerville, ——; Salem, 24.08; Holyoke, ——; Chelsea, 12.12; Taunton, ——; Haverhill, ——; Gloucester, 21.51; Brockton, ——; Newton, 2.63; Malden, 34.87; Fitchburg, 13.52; Waltham, 17.80; Newburyport, 15.20; Northampton, 24.18.

The total death-rate for the week was 20.74 against 22.02 and 22.61 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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## The Meteorological Record for the week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Jan. 22, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | DURATION. | AMOUNT IN INCHES. |
| January. | | | | | | | | | | | | | | | | | | | |
| Sunday, 16, | 30.008 | 19.0 | 25.0 | 9.0 | 80 | 69 | 65 | 71.0 | N. W. | W. | W. | 6 | 4 | 4 | F. | C. | C. | | |
| Monday, 17, | 29.517 | 30.0 | 36.0 | 17.0 | 100 | 100 | 91 | 97.0 | S. E. | N. | N. W. | 6 | 4 | 14 | L. S. | R. | L. S. | | |
| Tuesday, 18, | 29.744 | 13.0 | 30.0 | 18.0 | 71 | 61 | 74 | 69.0 | W. | W. | N. W. | 16 | 29 | 17 | C. | C. | C. | | |
| Wednes'y, 19, | 30.083 | 10.0 | 19.0 | -5.0 | 91 | 67 | 66 | 75.0 | W. | S. W. | W. | 8 | 15 | 11 | C. | O. | C. | | |
| Thursday, 20, | 29.900 | 31.0 | 40.0 | 15.0 | 85 | 73 | 68 | 75.0 | S. W. | S. | S. W. | 4 | 10 | 20 | O. | O. | O. | | |
| Friday, 21, | 30.146 | 36.0 | 44.0 | 25.0 | 61 | 46 | 55 | 54.0 | W. | N. W. | N. | 19 | 25 | 8 | C. | C. | C. | | |
| Saturday, 22, | 30.348 | 34.0 | 46.0 | 16.0 | 63 | 77 | 88 | 76.0 | N. W. | S. | S. W. | 4 | 10 | 15 | O. | O. | O. | Hours. 24 | Inches. 0.67 |
| Week. - - | 29.964 | 24.7 | | | | | | 74.0 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R.. Rain; T., Threatening; H. S., Heavy Snow; L. S. Light Snow.

# WEEKLY RETURN OF MORTALITY

- OF -

MASSACHUSETTS.

Jan. 2, 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
MAY 2 1887

# MORTALITY OF MASSACHUSETTS

For the Week ending January 29, 1887.

## Deaths reported to the State Board of Health in 21 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10.000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths from | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute Lung Diseases. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
| Boston, | 390,406 | 204 | 61 | 17 | 39 | 5 | 1 | 6 |
| Worcester, | 68,383 | 24 | 12 | 1 | 5 | .. | .. | 1 |
| Lowell, | 64,051 | 30 | 12 | 8 | 4 | 1 | 3 | 2 |
| Cambridge, | 59,660 | 24 | 5 | 1 | 4 | .. | .. | 1 |
| Fall River, | 56,863 | 25 | 7 | 2 | 4 | .. | .. | 1 |
| Lynn, | 45,861 | 15 | 3 | 1 | 2 | .. | .. | .. |
| Lawrence, | 38,825 | 14 | 5 | .. | 3 | .. | .. | .. |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 10 | 5 | .. | 3 | .. | .. | .. |
| Somerville, | 29,992 | .. | .. | .. | .. | .. | .. | .. |
| Salem, | 28,084 | 11 | 0 | .. | 3 | .. | .. | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 12 | 3 | 2 | 2 | .. | .. | 2 |
| Taunton, | 23,674 | 8 | 3 | .. | 2 | .. | .. | .. |
| Haverhill, | 21,795 | .. | .. | .. | .. | .. | .. | .. |
| Gloucester, | 21,713 | 7 | 0 | .. | .. | .. | .. | .. |
| Brockton, | 20,783 | 10 | 2 | 3 | 1 | .. | .. | 3 |
| Newton, | 19,759 | 3 | 1 | .. | .. | .. | .. | .. |
| Malden, | 16,407 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,375 | 6 | 2 | .. | .. | .. | .. | .. |
| Waltham, | 14,609 | 8 | 4 | .. | 4 | .. | .. | .. |
| Newburyport, | 13,716 | 8 | 2 | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | 1 | 0 | .. | .. | .. | .. | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 3 | 1 | .. | .. | .. | .. | .. |
| Woburn, | 11,750 | 2 | 0 | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | 2 | 1 | 1 | .. | 1 | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Acute Lung Diseases. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 989,182 | 427 | 129 | 36 | 76 | 7 | 4 | 16 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 21 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Thirty-six deaths were reported from the prineipal infeetious diseases: diphtheria and croup, 16: diarrhœal diseases, 7: typhoid fever, 4; erysipelas, 4; searlet fever, 3; measles, 2: eerebro-spinal meningitis, 2.

No deaths were reported from small-pox, malarial fevers and whooping-eough.

There were 76 deaths from acute lung diseases; eonsumption, 51; still-births, 22.

From erysipelas: Boston. 3; Salem, 1. From scarlet fever: Boston, 2; Lynn, 1. From measles: Lowell, 2. From eerebro-spinal meningitis: Fall River, 1; Taunton, 1.

Deaths from the prineipal infeetious diseases numbered 36 against 34 for the preceding week.

Deaths under five years of age numbered 129 against 103 for the preceding week.

Cases reported in Boston: measles, 48; diphtheria,.24; scarlet fever, 13; and typhoid fever, 9.

Death-rates for the week were: Boston. 27.17; Worcester, 18.24; Lowell, 24.35; Cambridge, 21.36; Fall River, 22.85; Lynn, 16.95; Lawrence, 18.76; Springfield, ——; New Bedford, 15.60; Somerville, ——; Salem, 20.35; Holyoke, ——; Chelsea, 24.24; Taunton, 17.60; Haverhill, ——; Gloucester, 16.73; Brockton, 25.00; Newton, 7.89; Malden, ——; Fitehburg, 20.28; Waltham, 28.48; Newburyport, 22.40; Northampton, 4.03.

The total death-rate for the week was 22.45 against 20.74 and 22.02 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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# The Meteorological Record for the week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Jan. 29, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | DURATION. | AMOUNT IN INCHES. |
| January. | | | | | | | | | | | | | | | | | | | |
| Sunday, 23, | 29.965 | 48.7 | 56.0 | 43.0 | 84 | 75 | 82 | 80.3 | S. | S. W. | S. | 19 | 24 | 12 | C. | O. | O. | | |
| Monday, 24, | 29.426 | 44.4 | 55.0 | 32.0 | 93 | 93 | 84 | 90.0 | S. | W. | W. | 12 | 19 | 28 | O. | R. | Sn. | | |
| Tuesday, 25, | 30.518 | 35.6 | 44.0 | 24.0 | 57 | 49 | 63 | 56.3 | W. | S. | S. W. | 15 | 16 | 18 | C. | O. | C. | | |
| Wednes'y, 26, | 29.886 | 30.5 | 45.0 | 16.0 | 68 | 100 | 67 | 78.3 | S. W. | N. | N. W. | 6 | 15 | 18 | F. | Sn. | O. | | |
| Thursday, 27, | 30.518 | 13.3 | 21.0 | 2.0 | 63 | 48 | 58 | 56.3 | N. W. | W. | S. W. | 10 | 10 | 10 | C. | C. | C. | | |
| Friday, 28, | 30.297 | 39.3 | 49.0 | 14.0 | 88 | 76 | 73 | 79.0 | S. | S. | S. | 4 | 27 | 20 | O. | O. | O. | | |
| Saturday, 29, | 29.882 | 47.8 | 56.0 | 37.0 | 93 | 87 | 94 | 91.3 | S. | W. | N. | 20 | 12 | 8 | O. | R. | R. | Hours. 32 | Inches. 2 .06 |
| Week. - - | 30.070 | 37.1 | 46.6 | 21.1 | | | | 75.9 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; Sn., Snow.

# WEEKLY RETURN OF MORTALITY

- OF -

MASSACHUSETTS.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON
FEB 14 1957
MAY 27 1959

# MORTALITY OF MASSACHUSETTS

For the Week ending February 5, 1887.

## Deaths reported to the State Board of Health in 18 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute Lung Diseases. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
| Boston, | 390,406 | 170 | 52 | 27 | 28 | 4 | 3 | 12 |
| Worcester, | 68,383 | 15 | 9 | 2 | 4 | .. | 1 | 1 |
| Lowell, | 64,051 | 37 | 10 | 4 | 7 | 2 | 2 | .. |
| Cambridge, | 59,660 | 13 | 3 | .. | 3 | .. | .. | .. |
| Fall River, | 56,863 | 14 | 4 | 5 | 1 | 2 | .. | .. |
| Lynn, | 45,861 | 14 | 4 | .. | 1 | .. | .. | .. |
| Lawrence, | 38,825 | 13 | 2 | 2 | 1 | .. | 1 | .. |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 15 | 6 | .. | 5 | .. | .. | .. |
| Somerville, | 29,992 | .. | .. | .. | .. | .. | .. | .. |
| Salem, | 28,084 | 10 | 2 | .. | .. | .. | .. | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 6 | 1 | 1 | 1 | .. | 1 | .. |
| Taunton, | 23,674 | .. | .. | .. | .. | .. | .. | .. |
| Haverhill, | 21,795 | .. | .. | .. | .. | .. | .. | .. |
| Gloucester, | 21,713 | 9 | 2 | .. | 2 | .. | .. | .. |
| Brockton, | 20,783 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 19,759 | 3 | 1 | .. | .. | .. | .. | .. |
| Malden, | 16,407 | 1 | 0 | .. | .. | .. | .. | .. |
| Fitchburg, | 15,375 | 5 | 0 | .. | 1 | .. | .. | .. |
| Waltham, | 14,609 | 9 | 2 | 1 | 1 | .. | .. | .. |
| Newburyport, | 13,716 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 1 | 0 | .. | 1 | .. | .. | .. |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | 5 | 1 | 1 | .. | .. | 1 | .. |
| Middleborough, | 10,941 | 4 | 2 | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Acute Lung Diseases. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 943,711 | 344 | 101 | 63 | 56 | 8 | 9 | 13 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 18 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Forty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 13: diarrhœa diseases, 8: typhoid fever, 9; measles, 5; cerebro-spinal meningitis, 4; erysipelas, 2; puerperal fever, 2; scarlet fever, 1.

No deaths were reported from small-pox, malarial fevers and whooping-cough.

There were 56 deaths from acute lung diseases; consumption, 51; still-births, 20.

From cerebro-spinal meningitis: Boston, 2; Fall River, 2. From measles: Boston, 3; Fall River, 1; Salem, 1. From erysipelas: Boston, 2. From puerperal fever: Lawrence, 1; Fitchburg, 1. From scarlet fever: Boston, 1.

Deaths from the principal infectious diseases numbered 43 against 36 for the preceding week.

Deaths under five years of age numbered 101 against 129 for the preceding week.

Cases reported in Boston: measles, 43; diphtheria, 25; scarlet fever, 21; and typhoid fever, 4.

Death-rates for the week were: Boston, 22.64; Worcester, 11.40; Lowell, 30.04; Cambridge, 11.57; Fall River, 12.79; Lynn, 14.69; Lawrence, 17.42; Springfield, ——; New Bedford, 23.40; Somerville, ——; Salem, 18.50; Holyoke, ——; Chelsea, 12.12; Taunton, ——; Haverhill, ——; Gloucester, 21.21; Brockton, ——; Newton, 7.89; Malden, 3.17; Fitchburg, 16.90; Waltham, 32.04; Newburyport, ——; Northampton, ——.

The total death-rate for the week was 18.95 against 22.45 and 20.74 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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# The Meteorological Record for the week, in Boston, was as follows:

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Feb. 5, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | DURATION. | AMOUNT IN INCHES. |
| January. Sunday, 30, | 29.766 | 38.0 | 40.0 | 34.0 | 95 | 98 | 85 | 93.0 | N. E. | S. E. | S. W. | 4 | 7 | 15 | O. | O. | C. | | |
| Monday, 31, | 30.134 | 27.0 | 40.0 | 23.0 | 56 | 47 | 50 | 51.0 | W. | N. W. | N. | 14 | 12 | 11 | F. | O. | O. | | |
| February. Tuesday, 1, | 30.543 | 20.0 | 26.0 | 16.0 | 92 | 51 | 49 | 64.0 | N. | N. | N. | 20 | 14 | 13 | O. | F. | O. | | |
| Wednes'y, 2, | 30.668 | 19.0 | 27.0 | 15.0 | 87 | 100 | 100 | 96.0 | N. | N. E. | N. | 10 | 32 | 16 | L. S. | H. S. | L. S. | | |
| Thursday, 3, | 30.196 | 21.0 | 30.0 | 10.0 | 92 | 90 | 90 | 91.0 | N. | W. | S. W. | 13 | 8 | 6 | O. | Sl. | O. | | |
| Friday, 4, | 30.440 | 24.0 | 33.0 | 14.0 | 68 | 46 | 73 | 62.0 | W. | N. W. | N. W. | 20 | 19 | 18 | F. | F. | C. | | |
| Saturday, 5, | 30.850 | 18.0 | 22.0 | 5.0 | 60 | 35 | 54 | 50.0 | N. W. | W. | S. W. | 11 | 6 | 6 | F. | C. | O. | Hours. 32 | Inches. .72 |
| Week, - - | 30.371 | 23.8 | 41.0 | 23.0 | | | | 72.4 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; L. S., Light Snow; H. S., Heavy Snow; Sl., Sleet.

# MONTHLY MORTALITY

In 30 smaller towns of Massachusetts as reported to the State Board of Health for the month of January.

The total death-rate of reporting towns for the month was 13.61.

| TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute Lung Diseases. | Diphtheria and Croup | Cerebro Spinal Men'gitis. | Typhoid Fever. |
| Brookline, | 9,195 | 19 | 3 | 1 | 7 | 1 | .. | .. |
| Marblehead, | 7,518 | 4 | 0 | .. | 1 | .. | .. | .. |
| Plymouth, | 7,239 | 14 | 3 | .. | 1 | .. | .. | .. |
| Watertown, | 6,238 | 7 | 0 | .. | 1 | .. | .. | .. |
| Wakefield, | 6,060 | 3 | 1 | .. | .. | .. | .. | .. |
| Andover, | 5,711 | 1 | 1 | .. | .. | .. | .. | .. |
| Stoneham, | 5,652 | 5 | 1 | .. | 1 | .. | .. | .. |
| Provincetown, | 4,480 | 6 | 1 | .. | .. | .. | .. | .. |
| W. Springfield, | 4,448 | 5 | 0 | 1 | .. | .. | 1 | .. |
| Hingham, | 4,375 | 3 | 0 | .. | .. | .. | .. | .. |
| N. Brookfield, | 4,201 | 2 | 0 | .. | .. | .. | .. | .. |
| Braintree, | 4,040 | 3 | 0 | .. | .. | .. | .. | .. |
| Northbridge, | 3,785 | 3 | 3 | 1 | 1 | .. | .. | .. |
| Concord, | 3,727 | 3 | 0 | .. | .. | .. | .. | .. |
| Nantucket, | 3,143 | 1 | 0 | .. | .. | .. | .. | .. |
| Swampscott, | 2,471 | 2 | 0 | .. | .. | .. | .. | .. |
| Merrimac, | 2,378 | 2 | 0 | 1 | .. | .. | .. | 1 |
| Cohasset, | 2,216 | 4 | 1 | .. | .. | .. | .. | .. |
| Dalton, | 2,113 | 2 | 0 | 2 | .. | 1 | .. | 1 |
| Groton, | 1,987 | 2 | 0 | .. | 1 | .. | .. | .. |
| Northborough, | 1,853 | 2 | 0 | .. | 2 | .. | .. | .. |
| Norton, | 1,718 | 2 | 0 | 1 | .. | .. | 1 | .. |
| Longmeadow, | 1,677 | 2 | 0 | .. | .. | .. | .. | .. |
| Conway, | 1,573 | 4 | 1 | .. | 1 | .. | .. | .. |
| Westminster, | 1,556 | 5 | 1 | .. | 1 | .. | .. | .. |
| Topsfield, | 1,141 | 3 | 2 | .. | .. | .. | .. | .. |
| Truro, | 972 | 1 | 1 | .. | .. | .. | .. | .. |
| Rutland, | 963 | 2 | 1 | .. | .. | .. | .. | .. |
| Wendell, | 509 | 1 | 0 | .. | 1 | .. | .. | .. |
| Clinton, | 8,975 | 14 | 5 | 1 | .. | 1 | .. | .. |
| Total of reporting towns, | 111,914 | 127 | 25 | 8 | 18 | 3 | 2 | 2 |

# WEEKLY RETURN OF MORTALITY

- OF -

MASSACHUSETTS.

Feb. 12, 1887

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE BOARD OF HEALTH MASSACHUSETTS,
STATE HOUSE, BOSTON.
FEB 10 1887

# MORTALITY OF MASSACHUSETTS

For the Week ending February 12, 1887.

## Deaths reported to the State Board of Health in 22 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
| Boston, | 390,406 | 162 | 53 | 19 | 27 | .. | 2 | 13 |
| Worcester, | 68,383 | 27 | 9 | 2 | 1 | .. | .. | 1 |
| Lowell, | 64,051 | 57 | 25 | 8 | 6 | 1 | 3 | 1 |
| Cambridge, | 59,660 | 16 | 5 | 1 | 3 | .. | 1 | .. |
| Fall River, | 56,863 | 16 | 6 | 3 | 3 | 2 | .. | 1 |
| Lynn, | 45,861 | 10 | 5 | 2 | 2 | .. | .. | 1 |
| Lawrence, | 38,825 | 15 | 7 | .. | 3 | .. | .. | .. |
| Springfield, | 37,577 | 21 | 4 | 3 | 6 | .. | 1 | 1 |
| New Bedford, | 33,393 | 10 | 5 | 1 | 1 | 1 | .. | .. |
| Somerville, | 29,992 | .. | .. | .. | .. | .. | .. | .. |
| Salem, | 28,084 | 7 | 4 | .. | 1 | .. | .. | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 8 | 2 | 1 | .. | 1 | .. | .. |
| Taunton, | 23,674 | 5 | 2 | 2 | .. | .. | .. | 1 |
| Haverhill, | 21,795 | 9 | 4 | 2 | 1 | 1 | .. | .. |
| Gloucester, | 21,713 | 7 | 1 | 1 | .. | .. | .. | .. |
| Brockton, | 20,783 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 19,759 | 8 | 1 | 1 | 1 | .. | .. | 1 |
| Malden, | 16,407 | 7 | 1 | 2 | 1 | .. | .. | .. |
| Fitchburg, | 15,375 | .. | .. | .. | .. | .. | .. | .. |
| Waltham, | 14,609 | 7 | 0 | .. | 3 | .. | .. | .. |
| Newburyport, | 13,716 | 5 | 0 | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | 6 | 2 | 1 | 1 | .. | .. | 1 |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 5 | 1 | 2 | 2 | .. | .. | 2 |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | 4 | 1 | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | 1 | 0 | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns. | 1,027,994 | 413 | 138 | 51 | 62 | 6 | 7 | 23 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Fifty-one deaths were reported from the principal infectious diseases: diphtheria and croup, 23: typhoid fever, 7; diarrhœal diseases, 6; cerebro-spinal meningitis, 5; measles, 3; puerperal fever, 2; whooping-cough, 1; erysipelas, 1.

No deaths were reported from small-pox and malarial fever.

There were 62 deaths from consumption; acute lung diseases, 60; still-births, 24.

From cerebro-spinal meningitis: Lowell, 2; Lynn, Springfield and Gloucester, 1 each. From measles: Boston, 2; Lowell, 1. From puerperal fever: Boston, 2. From whooping-cough: Worcester, 1. From erysipelas: Haverhill, 1.

Deaths from the principal infectious diseases numbered 51 against 43 for the preceding week.

Deaths under five years of age numbered 138 against 101 for the preceding week.

Cases reported in Boston: measles, 66; diphtheria, 20; typhoid fever, 17; and scarlet fever, 13.

Death-rates for the week were: Boston, 21.58; Worcester, 20.52; Lowell, 46.27; Cambridge, 14.24; Fall River, 14.62; Lynn, 11.30; Lawrence, 20.10; Springfield, 28.98; New Bedford, 15.60; Somerville, ——; Salem, 12.95; Holyoke, ——; Chelsea, 16.16; Taunton, 11.10; Haverhill, 21.42; Gloucester, 16.73; Brockton, ——; Newton, 21.04; Malden, 22.19; Fitchburg, ——: Waltham, 24.92; Newburyport, 19.00; Northampton, 24.18.

The total death-rate for the week was 20.89 against 18.95 and 22.45 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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# The Meteorological Record for the week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Feb. 12, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | DURATION. | AMOUNT IN INCHES. |
| February. | | | | | | | | | | | | | | | | | | | |
| Sunday, 6, | 30.289 | 33.0 | 39.0 | 20.0 | 87 | 82 | 81 | 83.0 | S. W. | S. W. | S. W. | 11 | 15 | 8 | L. S. | O. | O. | | |
| Monday, 7, | 30.462 | 28.0 | 40.0 | 22.0 | 62 | 70 | 90 | 74.0 | N. | N. | E. | 8 | 12 | 13 | O. | O. | L. S. | | |
| Tuesday, 8, | 30.074 | 37.0 | 44.0 | 27.0 | 93 | 97 | 93 | 94.0 | E. | E. | S. W. | 12 | 3 | 17 | R. | R. | R. | | |
| Wednes'y, 9, | 30.030 | 36.0 | 44.0 | 27.0 | 51 | 37 | 57 | 48.0 | W. | N. W. | W. | 18 | 25 | 14 | C. | C. | C. | | |
| Thursday, 10, | 30.065 | 34.0 | 42.0 | 20.0 | 63 | 47 | 70 | 60.0 | W. | S. W. | S. W. | 10 | 16 | 12 | C. | O. | O. | | |
| Friday, 11, | 29.320 | 38.0 | 44.0 | 31.0 | 88 | 100 | 84 | 91.0 | S. W. | N. E. | W. | 7 | 8 | 19 | O. | R. | C. | | |
| Saturday, 12, | 30.187 | 19.0 | 38.0 | 14.0 | 67 | 50 | 65 | 61.0 | W. | N. W. | W. | 24 | 16 | 10 | C. | C. | C. | Hours. 32 | Inches. .67 |
| Week. - - | 30.061 | 32.1 | 42.0 | 23.0 | | | | 73.0 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; L. S., Light Snow.

# WEEKLY RETURN OF MORTALITY

- OF -

MASSACHUSETTS.

Feb. 17, 1887

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE BOARD OF HEALTH, MASSACHUSETTS,
MAY 27 1919
FEB 3 1887

# MORTALITY OF MASSACHUSETTS

For the Week ending February 19, 1887.

## Deaths reported to the State Board of Health in 20 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths from: Principal Infectious Diseases. | Consumption. | Diphtheria and Croup | Typhoid Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|
| Boston, | 390,406 | 189 | 49 | 20 | 38 | 8 | 3 | 3 |
| Worcester, | 68,383 | .. | .. | .. | .. | .. | .. | .. |
| Lowell, | 64,051 | 41 | 17 | 10 | 3 | 1 | 1 | 3 |
| Cambridge, | 59,660 | 13 | 5 | .. | 4 | .. | .. | .. |
| Fall River, | 56,863 | 26 | 8 | 2 | 3 | 1 | .. | .. |
| Lynn, | 45,861 | 13 | 3 | 1 | 2 | .. | 1 | .. |
| Lawrence, | 38,825 | 15 | 4 | .. | 1 | .. | .. | .. |
| Springfield, | 37,577 | 8 | 0 | .. | 1 | .. | .. | .. |
| New Bedford, | 33,393 | 8 | 4 | 2 | .. | .. | .. | .. |
| Somerville, | 29,992 | .. | .. | .. | .. | .. | .. | .. |
| Salem, | 28,084 | 15 | 3 | 2 | 2 | 1 | .. | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 7 | 1 | .. | .. | .. | .. | .. |
| Taunton, | 23,674 | 8 | 0 | 1 | .. | .. | 1 | .. |
| Haverhill, | 21,795 | 5 | 2 | .. | 1 | .. | .. | .. |
| Gloucester, | 21,713 | 5 | 2 | .. | 1 | .. | .. | .. |
| Brockton, | 20,783 | 10 | 3 | .. | 2 | .. | .. | .. |
| Newton, | 19,759 | 2 | 2 | .. | .. | .. | .. | .. |
| Malden, | 16,407 | 4 | 4 | 3 | 3 | 1 | .. | .. |
| Fitchburg, | 15,375 | 4 | 1 | 2 | 2 | .. | .. | .. |
| Waltham, | 14,609 | 2 | 0 | .. | .. | .. | .. | .. |
| Newburyport, | 13,716 | 4 | 1 | .. | 1 | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 2 | 0 | .. | .. | .. | .. | .. |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diphtheria and Croup. | Typhoid Fever. | Diarrhœal Diseases. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 960,404 | 379 | 109 | 43 | 64 | 12 | 6 | 6 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 20 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Forty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 12; typhoid fever, 6; diarrhœal diseases, 6; measles, 5; cerebro-spinal meningitis, 3; whooping-cough, 3; scarlet fever, 2; erysipelas, 2; puerperal fever, 2.

No deaths were reported from small-pox and malarial fever.

There were 64 deaths from consumption; acute lung diseases, 75; still-births, 17.

From measles: Boston, 3; Lowell, 2. From cerebro-spinal meningitis: Lowell, 2; Fall River, 1. From whooping-cough: Malden, 2: Boston, 1. From scarlet fever: Boston and New Bedford, 1 each. From erysipelas: Boston and Fall River, 1 each. From puerperal fever: Lowell and New Bedford, 1 each.

Deaths from the principal infectious diseases numbered 43 against 51 for the preceding week.

Deaths under five years of age numbered 109 against 138 for the preceding week.

Cases reported in Boston: measles, 66; scarlet fever, 18; diphtheria, 17; typhoid fever, 9; and small-pox, 1.

Death-rates for the week were: Boston, 25.17; Worcester, ——; Lowell, 33.28; Cambridge, 11.57; Fall River, 21.96; Lynn, 14.69; Lawrence, 20.10; Springfield, 11.04; New Bedford, 12.48; Somerville, ——; Salem, 27.65; Holyoke, ——; Chelsea, 14.14; Taunton, 17.60; Haverhill, 11.90; Gloucester, 11.95; Brockton, 25.00; Newton, 5.26; Malden, 12.68; Fitchburg, 6.76; Waltham, 7.12; Newburyport, 15.20; Northampton, ——.

The total death-rate for the week was 20.52 against 20.89 and 18.95 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

## The Meteorological Record for the week, in Boston, was as follows:

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Feb. 19, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | DURATION. | AMOUNT IN INCHES. |
| February. | | | | | | | | | | | | | | | | | | | |
| Sunday, 13, | 30.663 | 13.0 | 18.0 | 8.0 | 60 | 46 | 58 | 55.0 | N. W. | W. | N. | 14 | 20 | 11 | C. | C. | C. | | |
| Monday, 14, | 30.733 | 18.0 | 26.0 | 6.0 | 58 | 74 | 74 | 69.0 | N. W. | S. E. | S. | 10 | 8 | 6 | C. | C. | O. | | |
| Tuesday, 15, | 30.009 | 42.0 | 48.0 | 23.0 | 85 | 87 | 82 | 85.0 | S. | S. W. | S. W. | 10 | 18 | 10 | R. | O. | O. | | |
| Wednes'y, 16, | 29.759 | 40.0 | 46.0 | 36.0 | 81 | 65 | 71 | 72.0 | W. | E. | W. | 10 | 6 | 10 | C. | C. | O. | | |
| Thursday, 17, | 29.978 | 37.0 | 44.0 | 31.0 | 64 | 37 | 54 | 52.0 | W. | W. | N. | 15 | 12 | 10 | C. | C. | C. | | |
| Friday, 18, | 29.923 | 36.0 | 46.0 | 25.0 | 70 | 93 | 100 | 88.0 | N. | E. | S. W. | 8 | 22 | 9 | O. | L. S. | R. | | |
| Saturday, 19, | 29.809 | 40.0 | 47.0 | 36.0 | 94 | 46 | 63 | 68.0 | S. W. | W. | W. | 4 | 24 | 17 | G. | F. | C. | Hours. 26 | Inches. 1.47 |
| Week, - - | 30.125 | 32.3 | 35.0 | 23.0 | | | | 69.8 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; L. S., Light Snow.

# WEEKLY RETURN OF MORTALITY

- OF -

MASSACHUSETTS.

Feb. 26, 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
MAY 27 1919
MAY 3 1937

# MORTALITY OF MASSACHUSETTS

For the Week ending February 26, 1887.

## Deaths reported to the State Board of Health in 22 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Typhoid Fever. | Diphtheria and Croup | Measles. |
| Boston, | 390,406 | 157 | 49 | 10 | 27 | .. | 9 | 1 |
| Worcester, | 68,383 | 20 | 11 | 2 | 4 | .. | 2 | .. |
| Lowell, | 64,051 | 37 | 10 | 12 | 5 | 5 | 1 | 5 |
| Cambridge, | 59,660 | 24 | 9 | 3 | 4 | .. | 2 | 1 |
| Fall River, | 56,863 | 22 | 9 | 1 | 2 | .. | .. | .. |
| Lynn, | 45,861 | 15 | 7 | 1 | 2 | .. | 1 | .. |
| Lawrence, | 38,825 | 21 | 8 | 3 | 2 | 2 | .. | .. |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 17 | 2 | 1 | 5 | 1 | .. | .. |
| Somerville, | 29,992 | .. | .. | .. | .. | .. | .. | .. |
| Salem, | 28,084 | 9 | 2 | .. | 2 | .. | .. | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 4 | 1 | 1 | .. | .. | 1 | .. |
| Taunton, | 23,674 | 6 | 1 | .. | .. | .. | .. | .. |
| Haverhill, | 21,795 | 15 | 5 | 2 | 2 | .. | .. | .. |
| Gloucester, | 21,713 | 6 | 3 | 2 | 1 | .. | 2 | .. |
| Brockton, | 20,783 | 10 | 2 | .. | 1 | .. | .. | .. |
| Newton, | 19,759 | 5 | 0 | 1 | .. | 1 | .. | .. |
| Malden, | 16,407 | 4 | 2 | .. | 1 | .. | .. | .. |
| Fitchburg, | 15,375 | 8 | 0 | 1 | 2 | .. | .. | .. |
| Waltham, | 14,609 | 6 | 1 | .. | 1 | .. | .. | .. |
| Newburyport, | 13,716 | 4 | 0 | 1 | .. | 1 | .. | .. |
| Northampton, | 12,896 | 5 | 2 | .. | 2 | .. | .. | .. |
| Attleborough, | 14,466 | .. | .. | .. | .. | .. | .. | .. |
| Pittsfield, | 13,175 | 5 | 2 | 2 | 1 | 2 | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | .. | .. | .. | .. | .. | .. | .. |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | 5 | 2 | .. | 2 | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Typhoid Fever. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,017,956 | 405 | 128 | 43 | 66 | 12 | 18 | 7 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Forty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 17: typhoid fever, 12; measles, 7; cerebro-spinal meningitis, 4: scarlet fever, 1; whooping-cough, 1.

No deaths were reported from small-pox and malarial fevers.

There were 66 deaths from consumption: acute lung diseases, 57: still-births, 28.

From cerebro-spinal meningitis: Haverhill, 2; Lowell and Fitchburg, 1 each. From whooping-cough: Lawrence, 1.

Deaths from the principal infectious diseases numbered 43 against 43 for the preceding week.

Deaths under five years of age numbered 126 against 109 for the preceding week.

Cases reported in Boston: measles, 62; scarlet fever, 25; diphtheria, 23; and typhoid fever, 10.

Death-rates for the week were: Boston, 20.91; Worcester, 15.20; Lowell, 30.04; Cambridge, 21.36; Fall River, 21.11; Lynn, 16.95; Lawrence, 28.14; Springfield, ——: New Bedford, ——; Somerville, ——; Salem, 16.65; Holyoke, ——; Chelsea, 8.08; Taunton, 13.20; Haverhill, 34.70: Gloucester, 14.34; Brockton, 25.00; Newton, 13.15; Malden, 6.24: Fitchburg, 27.04; Waltham, 21.36: Newburyport, 15.20; Northampton, 20.15.

The total death-rate for the week was 20.68 against 20.52 and 20.89 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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## The Meteorological Record for the week, in Boston, was as follows:

| Week ending Saturday, Feb. 26, 1887. | BAROMETER. MEAN. | THERMOMETER. MEAN. | THERMOMETER. MAXIMUM. | THERMOMETER. MINIMUM. | RELATIVE HUMIDITY. 7 A. M. | RELATIVE HUMIDITY. 3 P. M. | RELATIVE HUMIDITY. 10 P. M. | DIRECTION OF WIND. MEAN. | DIRECTION OF WIND. 7 A. M. | DIRECTION OF WIND. 3 P. M. | DIRECTION OF WIND. 10 P. M. | VELOCITY OF WIND. 7 A. M. | VELOCITY OF WIND. 3 P. M. | VELOCITY OF WIND. 10 P. M. | STATE OF WEATHER.* 7 A. M. | STATE OF WEATHER.* 3 P. M. | STATE OF WEATHER.* 10 P. M. | RAIN-FALL. DURATION. | RAIN-FALL. AMOUNT IN INCHES. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| February. | | | | | | | | | | | | | | | | | | | |
| Sunday, 20, | 30.218 | 32.0 | 38.0 | 27.0 | 57 | 36 | 48 | 47.0 | W. | N. | N. | 10 | 8 | 7 | C. | O. | O. | | |
| Monday, 21, | 30.423 | 29.0 | 32.0 | 26.0 | 90 | 91 | 74 | 85.0 | N. | N. E. | S. | 12 | 9 | 5 | L. S. | O. | O. | | |
| Tuesday, 22, | 30.288 | 33.0 | 34.0 | 30.0 | 79 | 93 | 89 | 87.0 | E. | S. E. | N. W. | 12 | 3 | 10 | O. | L. S. | F. | | |
| Wednes'y, 23, | 30.439 | 31.0 | 36.0 | 25.0 | 72 | 50 | 61 | 61.0 | N. W. | S. E. | S. W. | 12 | 6 | 9 | C. | F. | O. | | |
| Thursday, 24, | 29.636 | 37.0 | 48.0 | 30.0 | 100 | 52 | 47 | 66.0 | S . E. | W. | W. | 16 | 34 | 34 | H.S. | C. | C. | | |
| Friday, 25, | 30.275 | 19.0 | 33.0 | 14.0 | 52 | 31 | 42 | 42.0 | N. W. | N. W. | N. W. | 22 | 32 | 10 | C. | C. | C. | | |
| Saturday, 26. | 30.113 | 24.0 | 34.0 | 13.0 | 55 | 87 | 100 | 81.0 | N. W. | S. E. | E. | 4 | 12 | 27 | O. | L. S. | R. | Hours. 27 | Inches. .79 |
| Week. - - | 30.185 | 29.3 | 38.0 | 23.0 | | | | 67.0 | | | | | | | | | | | |

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; L. S., Light Snow; H. S., Heavy Snow.

# WEEKLY RETURN OF MORTALITY

- OF -

MASSACHUSETTS.

Mar. 5, 1887

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
BOSTON.
MAY 27 1887

# MORTALITY OF MASSACHUSETTS

For the Week ending March 5, 1887.

## Deaths reported to the State Board of Health in 22 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute Lung Diseases. | Typhoid Fever. | Diphtheria and Croup | Measles. |
| Boston, | 390,406 | 187 | 57 | 22 | 37 | 2 | 12 | 3 |
| Worcester, | 68,383 | 22 | 13 | 3 | 3 | .. | 2 | 1 |
| Lowell, | 64,051 | 29 | 11 | 7 | 6 | 3 | 2 | .. |
| Cambridge, | 59,660 | 19 | 9 | 2 | 5 | .. | 1 | 1 |
| Fall River, | 56,863 | 22 | 10 | 6 | 2 | 1 | 3 | .. |
| Lynn, | 45,861 | 19 | 4 | 1 | 1 | .. | 1 | .. |
| Lawrence, | 38,825 | 8 | 1 | .. | 3 | .. | .. | .. |
| Springfield, | 37,577 | 11 | 2 | 2 | .. | .. | .. | .. |
| New Bedford, | 33,393 | 20 | 10 | 1 | 3 | .. | 1 | .. |
| Somerville, | 29,992 | 11 | 3 | 4 | 3 | 2 | .. | 2 |
| Salem, | 28,084 | 6 | 1 | .. | 1 | .. | .. | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 6 | 2 | 1 | 1 | .. | 1 | .. |
| Taunton, | 23,674 | 9 | 2 | 1 | .. | .. | .. | .. |
| Haverhill, | 21,795 | 10 | 3 | .. | 5 | .. | .. | .. |
| Gloucester, | 21,713 | 9 | 3 | 1 | .. | .. | .. | .. |
| Brockton, | 20,783 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 19,759 | 7 | 3 | 1 | 1 | 1 | .. | .. |
| Malden, | 16,407 | 3 | 0 | .. | 1 | .. | .. | .. |
| Fitchburg, | 15,375 | 6 | 1 | 2 | .. | .. | .. | .. |
| Waltham, | 14,609 | 6 | 0 | .. | 2 | .. | .. | .. |
| Newburyport, | 13,716 | 4 | 0 | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 14,466 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 1 | 0 | .. | .. | .. | .. | .. |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | 5 | 1 | 1 | 1 | .. | 1 | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Acute Lung Diseases. | Typhoid Fever. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,177,418 | 420 | 136 | 55 | 75 | 9 | 24 | 7 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Fifty-five deaths were reported from the principal infectious diseases: diphtheria and croup, 24; typhoid fever, 9; measles, 7: diarrhœal diseases, 5; scarlet fever, 4; cerebro-spinal meningitis, 3; whooping-cough, 1; erysipelas, 1; puerperal fever, 1.

No deaths were reported from small-pox and malarial fevers.

There were 75 deaths from acute lung diseases; consumption, 54; and still-births, 21.

From diarrhœal diseases: Lowell and Fall River, 2 each; Boston, 1. From scarlet fever: Boston, 3; Taunton, 1. From cerebro-spinal meningitis; Springfield, 1; Fitchburg, 2. From whooping-cough: Boston, 1. From erysipelas: Gloucester, 1. From puerperal fever: Springfield, 1.

Deaths from the principal infectious diseases numbered 55 against 43 for the preceding week.

Deaths under five years of age numbered 136 against 126 for the preceding week.

Cases reported in Boston: diphtheria, 51; measles, 51; scarlet fever, 25; and typhoid fever, 5.

Death-rates for the week were: Boston, 11.59; Worcester, 16 75; Lowell, 23.54; Cambridge, 16.91; Fall River, 20.11; Lynn, 21.47; Lawrence, 10.72; Springfield, 15.18; New Bedford, 31.20; Somerville, 19.14; Salem, 11.10; Holyoke, ——; Chelsea, 12.12; Taunton, 19.80; Haverhill, 23.80; Gloucester, 21.51; Brockton, ——; Newton, 18.41; Malden, 9.51; Fitchburg, 20.28; Waltham, 21.36; Newburyport, 15.20; Northampton, ——.

The total death-rate for the week was 18.55 against 20.68 and 20.52 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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## The Meteorological Record for the week, in Boston, was as follows:

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Feb. 26, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | DURATION. | AMOUNT IN INCHES. |
| February. | | | | | | | | | | | | | | | | | | | |
| Sunday, 27, | 29.317 | 31.0 | 41.0 | 22.0 | 82 | 53 | 59 | 65.0 | W. | W. | W. | 21 | 23 | 28 | O. | F. | C. | | |
| Monday, 28, | 29.842 | 16.0 | 22.0 | 13.0 | 50 | 45 | 47 | 47.0 | W. | N. W. | N. W. | 30 | 26 | 11 | F. | F. | C. | | |
| March. | | | | | | | | | | | | | | | | | | | |
| Tuesday, 1, | 30.108 | 20.0 | 26.0 | 10.0 | 72 | 31 | 36 | 46.0 | W. | N. W. | N. W. | 14 | 13 | 6 | O. | C. | O. | | |
| Wednes'y, 2, | 29.897 | 35.0 | 45.0 | 19.0 | 50 | 74 | 87 | 70.0 | S. | S. W. | W. | 8 | 10 | 12 | O. | O. | C. | | |
| Thursday, 3, | 30.286 | 28.0 | 40.0 | 24.0 | 52 | 37 | 46 | 45.0 | N. | N. | N. | 20 | 14 | 10 | C. | C. | C. | | |
| Friday, 4, | 30.455 | 27.0 | 34.0 | 20.0 | 73 | 42 | 50 | 55.0 | N. | W. | N. W. | 9 | 7 | 11 | O. | O. | C. | | |
| Saturday, 5, | 30.770 | 18.0 | 28.0 | 11.0 | 70 | 56 | 70 | 65.0 | N. | E. | S. E. | 12 | 8 | 17 | C. | O. | O. | Hours. 8 | Inches. .12 |
| Week, - - | 30.096 | 25.0 | 34.0 | 17.0 | | | | 56.0 | | | | | | | | | | | |

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# MONTHLY MORTALITY

In 30 smaller towns of Massachusetts as reported to the State Board of Health for the month of February.

The total death-rate of reporting towns for the month was 11.81.

| TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute Lung Diseases. | Diphtheria and Croup | Scarlet Fever. | Typhoid Fever. |
| Brookline, | 9,195 | 14 | 6 | 1 | .. | 1 | .. | .. |
| Marblehead, | 7,518 | 5 | 1 | 1 | 2 | 1 | .. | .. |
| Plymouth, | 7,239 | 10 | 1 | 1 | 1 | 1 | .. | .. |
| Wakefield, | 6,060 | 4 | 0 | .. | 2 | .. | .. | .. |
| Andover, | 5,711 | 6 | 2 | .. | .. | .. | .. | .. |
| Stoneham, | 5,652 | 5 | 0 | .. | 1 | .. | .. | .. |
| Middleborough, | 5,173 | 1 | 0 | .. | .. | .. | .. | .. |
| Provincetown, | 4,480 | 6 | 2 | .. | 1 | .. | .. | .. |
| W. Springfield, | 4,448 | 5 | 2 | 1 | 1 | .. | 1 | .. |
| Hingham, | 4,375 | 5 | 3 | 2 | .. | 2 | .. | .. |
| Braintree, | 4,040 | 5 | 2 | .. | 1 | .. | .. | .. |
| Randolph, | 3,807 | 5 | 1 | 1 | .. | 1 | .. | .. |
| Northbridge, | 3,785 | 5 | 2 | .. | 1 | .. | .. | .. |
| Concord, | 3,727 | 5 | 1 | .. | 1 | .. | .. | .. |
| Fairhaven, | 2,880 | 1 | 0 | .. | .. | .. | .. | .. |
| Merrimac, | 2,378 | 3 | 1 | .. | .. | .. | .. | .. |
| Cohasset, | 2,216 | 1 | 1 | .. | .. | .. | .. | .. |
| Dalton, | 2,113 | 0 | 0 | .. | .. | .. | .. | .. |
| Groton, | 1,987 | 4 | 0 | .. | .. | .. | .. | .. |
| Norton, | 1,718 | 2 | 0 | .. | 1 | .. | .. | .. |
| Westminster, | 1,556 | 2 | 1 | 1 | 1 | .. | .. | 1 |
| Shrewsbury, | 1,450 | 1 | 0 | .. | .. | .. | .. | .. |
| Sterling, | 1,331 | 1 | 0 | 1 | .. | 1 | .. | .. |
| Harvard, | 1,184 | 1 | 0 | .. | .. | .. | .. | .. |
| Truro, | 972 | 2 | 0 | .. | .. | .. | .. | .. |
| Rutland, | 963 | 2 | 1 | .. | .. | .. | .. | .. |
| Burlington, | 604 | 1 | 0 | .. | .. | .. | .. | .. |
| Watertown, | 6,238 | 1 | 1 | 1 | .. | .. | 1 | .. |
| Enfield, | 1,010 | 1 | 0 | .. | .. | .. | .. | .. |
| Clinton, | 8,975 | 7 | 1 | .. | 1 | .. | .. | .. |
| Total of reporting towns. | 112,780 | 111 | 29 | 10 | 14 | 7 | 2 | 1 |

# WEEKLY RETURN OF MORTALITY

- OF -

MASSACHUSETTS.

Mar. 12. 1917.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS
MAY 27 1919
CAMBRIDGE

# MORTALITY OF MASSACHUSETTS

For the Week ending March 12, 1887.

## Deaths reported to the State Board of Health in 21 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10.000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths from | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseascs. | Con-sumption. | Typho id Fever. | Diphtheria and Croup | Measles. |
| Boston, | 390,406 | 172 | 52 | 19 | 30 | 3 | 8 | 3 |
| Worcester, | 68,383 | 24 | 13 | 2 | 3 | .. | 1 | .. |
| Lowell, | 64,051 | 30 | 7 | 5 | 4 | 2 | .. | 2 |
| Cambridge, | 59,660 | 13 | 2 | .. | 4 | .. | .. | .. |
| Fall River, | 56,863 | 13 | 4 | 3 | 2 | .. | 1 | .. |
| Lynn, | 45,861 | 15 | 5 | 2 | .. | 1 | 1 | .. |
| Lawrence, | 38,825 | 13 | 5 | .. | 1 | .. | .. | .. |
| Springfield, | 37,577 | 12 | 3 | .. | 2 | .. | .. | .. |
| New Bedford, | 33,393 | 24 | 10 | 1 | 4 | .. | 1 | .. |
| Somerville, | 29,992 | 7 | 1 | 1 | 2 | .. | .. | .. |
| Salem, | 28,084 | 17 | 5 | 1 | 4 | .. | 1 | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 10 | .. | 3 | 1 | .. | 2 | .. |
| Taunton, | 23,674 | 10 | 5 | .. | 2 | .. | .. | .. |
| Haverhill, | 21,795 | 6 | 1 | 1 | .. | .. | .. | .. |
| Gloucester, | 21,713 | 3 | 3 | .. | .. | .. | .. | .. |
| Brockton, | 20,783 | 4 | 2 | 1 | .. | .. | 1 | .. |
| Newton, | 19,759 | 10 | 1 | .. | 1 | .. | .. | .. |
| Malden, | 16,407 | 6 | 1 | .. | 1 | .. | .. | .. |
| Fitchburg, | 15,375 | .. | .. | .. | .. | .. | .. | .. |
| Waltham, | 14,609 | 7 | 1 | .. | 1 | .. | .. | .. |
| Newburyport, | 13,716 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 14,466 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 6 | 3 | 1 | 1 | .. | .. | 1 |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | 4 | 0 | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Con-sumption. | Typhoid Fever. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,041,216 | 406 | 124 | 40 | 63 | 6 | 16 | 6 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 21 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Forty deaths were reported from the principal infectious diseases: diphtheria and croup, 16: typhoid fever, 6; measles, 6; puerperal fever, 3; cerebro-spinal meningitis, 2; scarlet fever, 1; whooping-cough, 1; erysipelas, 1; diarrhœal diseases, 3.

No deaths were reported from small-pox and malarial fevers.

There were 63 deaths from consumption; acute lung diseases 65; and still-births, 18.

From diarrhœal diseases: Lowell, Chelsea and Haverhill, 1 each. From puerperal fever: Boston, 3. From erysipelas: Boston, 1. From cerebro-spinal meningitis: Fall River, 2. From scarlet fever: Boston, 1.

Deaths under five years of age numbered 124 against 136 for the preceding week.

Deaths from the principal infectious diseases numbered 40 against 55 for the preceding week.

Cases reported in Boston: measles, 63; diphtheria, 17; scarlet fever, 14; and typhoid fever, 5.

Death-rates for the week were: Boston, 22.91; Worcester, 12.84; Lowell, 24.35; Cambridge, 11.57; Fall River, 11.88; Lynn, 16.95; Lawrence, 17.42; Springfield, 16.56; New Bedford, 37.54; Somerville, 12.18; Salem, 31.45; Holyoke, ——; Chelsea, 20.20; Taunton, 22.00; Haverhill, 14.28; Gloucester, 7.11; Brockton, 10.00; Newton, 26.30; Malden, 19.02; Fitchburg, ——; Waltham, 24.92; Newburyport, ——; Northampton, ——.

The total death-rate for the week was 20.27 against 18.55 and 20.68 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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## The Meteorological Record for the week, in Boston, was as follows:

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Mar. 12, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | DURATION. | AMOUNT IN INCHES. |
| March. | | | | | | | | | | | | | | | | | | | |
| Sunday, 6, | 30.208 | 29.0 | 34.0 | 20.0 | 100 | 100 | 100 | 100.0 | S. E. | N. E. | N. | 21 | 18 | 11 | H.S. | R. | R. | | |
| Monday, 7, | 30.089 | 29.0 | 32.0 | 22.0 | 93 | 89 | 85 | 89.0 | N. | S. E. | S. E. | 6 | 4 | 2 | O. | O. | O. | | |
| Tuesday, 8. | 30.253 | 36.0 | 46.0 | 29.0 | 85 | 37 | 47 | 54.0 | W. | N. W. | N. W. | 10 | 19 | 10 | C. | C. | C. | | |
| Wednes'y, 9, | 30.241 | 31.0 | 40.0 | 23.0 | 64 | 64 | 79 | 69.0 | N. | E. | S. | 6 | 14 | 5 | C. | F. | O. | | |
| Thursday, 10, | 29.771 | 33.0 | 38.0 | 30.0 | 100 | 100 | 93 | 98.0 | E. | N. | N. W. | 6 | 14 | 21 | R. | L. S. | L. S. | | |
| Friday, 11, | 29.746 | 27.0 | 31.0 | 23.0 | 76 | 55 | 52 | 61.0 | N. W. | N. W. | N. W. | 20 | 31 | 29 | O. | O. | O. | | |
| Saturday, 12. | 29.807 | 34.0 | 42.0 | 25.0 | 66 | 54 | 64 | 61.0 | N. W. | N. W. | N. W. | 18 | 16 | 18 | O. | F. | F. | Hours. 48 | Inches. 1.80 |
| Week, - - | 30.016 | 31.0 | 38.0 | 25.0 | | | | 76.0 | | | | | | | | | | | |

*O., Cloudy; C., Clear; F., Fair; G., Fog; H.. Hazy; S., Smoky; R., Rain; T., Threatening; H. S., Heavy Snow; L. S., Light Snow.

# WEEKLY RETURN OF MORTALITY

- OF -

MASSACHUSETTS.

Mar. 19, 1887

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS
MAY 27 1919

# MORTALITY OF MASSACHUSETTS

For the Week ending March 19, 1887.

## Deaths reported to the State Board of Health in 23 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths from | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute Lung Diseases. | Typhoid Fever. | Diphtheria and Croup | Measles. |
| Boston, | 390,406 | 193 | 49 | 17 | 27 | 2 | 5 | 3 |
| Worcester, | 68,383 | 26 | 10 | 4 | 3 | .. | 3 | .. |
| Lowell, | 64,051 | 34 | 15 | 9 | 5 | 2 | .. | 4 |
| Cambridge, | 59,660 | 20 | 2 | 1 | 5 | .. | .. | .. |
| Fall River, | 56,863 | 27 | 8 | 4 | .. | 1 | 1 | .. |
| Lynn, | 45,861 | 17 | 4 | 1 | 1 | 1 | .. | .. |
| Lawrence, | 38,825 | 14 | 2 | 1 | .. | 1 | .. | .. |
| Springfield, | 37,577 | 17 | 5 | 3 | 3 | 1 | 1 | .. |
| New Bedford, | 33,393 | 18 | 5 | 2 | 4 | 1 | .. | .. |
| Somerville, | 29,992 | 7 | 1 | 1 | 5 | .. | .. | .. |
| Salem, | 28,084 | 13 | 4 | .. | .. | .. | .. | .. |
| Holyoke, | 27,894 | 7 | 5 | 2 | 1 | .. | .. | 1 |
| Chelsea, | 25,709 | 10 | 2 | .. | 2 | .. | .. | .. |
| Taunton, | 23,674 | 6 | 0 | .. | .. | .. | .. | .. |
| Haverhill, | 21,795 | 5 | 1 | .. | 1 | .. | .. | .. |
| Gloucester, | 21,713 | 10 | 3 | 1 | 4 | .. | 1 | .. |
| Brockton, | 20,783 | 5 | 1 | 1 | 1 | 1 | .. | .. |
| Newton, | 19,759 | 9 | 2 | .. | 2 | .. | .. | .. |
| Malden, | 16,407 | 10 | 2 | .. | 2 | .. | .. | .. |
| Fitchburg, | 15,375 | 10 | 1 | .. | 1 | .. | .. | .. |
| Waltham, | 14,609 | 4 | 2 | .. | 2 | .. | .. | .. |
| Newburyport, | 13,716 | 10 | 1 | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 14,466 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 2 | 0 | 1 | .. | .. | 1 | .. |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

# RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Acute Lung Diseases. | Typhoid Fever. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,086,673 | 474 | 125 | 48 | 69 | 10 | 11 | 8 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Forty-eight deaths were reported from the principal infectious diseases: diphtheria and croup, 11; typhoid fever, 10; measles, 8; cerebro-spinal meningitis, 7: diarrhœal diseases, 6; puerperal fever, 2; scarlet fever, 3; whooping-cough, 1.

No deaths were reported from small-pox and malarial fever.

There were 69 deaths from acute lung diseases; consumption 61; and still-births, 15.

From cerebro-spinal meningitis: Boston, Worcester, Lowell, Fall River, Springfield, Somerville and Holyoke, 1 each. From diarrhœal diseases: Boston and Fall River, 2 each; Lowell and Cambridge, 1 each. From scarlet fever: Boston, 2; Lowell, 1. From puerperal fever: Boston and New Bedford, 1 each. From whooping-cough: Boston, 1.

Deaths from the principal infectious diseases numbered 48 against 40 for the preceding week.

Deaths under five years of age numbered 125 against 124 for the preceding week.

There is a slight increase in the mortality from cerebro-spinal meningitis, diarrhœal diseases and typhoid fever.

No noteworthy changes in the other diseases.

Cases reported in Boston: measles, 53; diphtheria, 24; scarlet fever, 23; and typhoid fever, 7.

Death-rates for the week were: Boston, 25.71; Worcester, 19.76; Lowell, 27.60; Fall River, 24.68; Cambridge, 17.80; Lynn, 19.21; Lawrence, 18.76; Springfield, 23.46; New Bedford, 28.08; Somerville, 12.18; Salem, 24.05; Holyoke, 13.02; Chelsea, 20.20; Taunton, 13.33; Haverhill, 11.90; Gloucester, 23.90; Brockton, 12.50; Newton, 23.67; Malden, 31.70; Fitchburg, 33.80; Waltham, 14.24; Newburyport, 38.00; Northampton, ——.

The total death-rate for the week was 22.68 against 20.27 and 18.55 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

## The Meteorological Record for the week, in Boston, was as follows:

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Mar. 19, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | DURATION. | AMOUNT IN INCHES. |
| March. | | | | | | | | | | | | | | | | | | | |
| Sunday, 13, | 29.795 | 38.0 | 44.0 | 33.0 | 71 | 50 | 68 | 63.0 | N. | S. | W. | 10 | 5 | 9 | O. | O. | C. | | |
| Monday, 14, | 29.537 | 38.0 | 50.0 | 31.0 | 64 | 43 | 59 | 56.0 | N. W. | W. | N. W. | 10 | 14 | 26 | C. | C. | O. | | |
| Tuesday, 15. | 29.429 | 26.0 | 34.0 | 18.0 | 72 | 48 | 63 | 61.0 | N. W. | N. W. | N. W. | 18 | 22 | 18 | H. S. | F. | F. | | |
| Wednes'y, 16, | 29.349 | 29.0 | 36.0 | 21.0 | 64 | 43 | 72 | 60.0 | N. W. | W. | N. W. | 18 | 10 | 13 | O. | O. | L. S. | | |
| Thursday, 17, | 29.286 | 33.0 | 42.0 | 25.0 | 67 | 49 | 72 | 63.0 | N. W. | W. | N. | 14 | 11 | 11 | O. | O. | O. | | |
| Friday, 18, | 29.301 | 38.0 | 44.0 | 28.0 | 88 | 65 | 89 | 81.0 | N. W. | N. W. | N. W. | 13 | 11 | 11 | L. S. | O. | R. | | |
| Saturday, 19. | 29.551 | 37.0 | 44.0 | 34.0 | 89 | 88 | 97 | 91.0 | N. | E. | N. | 10 | 8 | 11 | O. | O. | R | Hours. 34 | Inches .15 |
| Week - - | 29.464 | 34.0 | 42.0 | 27.0 | | | | 68.0 | | | | | | | | | | | |

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; H. S., Heavy Snow; L. S., Light Snow.

# WEEKLY RETURN OF MORTALITY

- OF -

MASSACHUSETTS.

May 26 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS
MAY 21 1919

# MORTALITY OF MASSACHUSETTS

For the Week ending March 26, 1887

## Deaths reported to the State Board of Health in 23 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths from: Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup | Measles. |
|---|---|---|---|---|---|---|---|---|
| Boston, | 390,406 | 189 | 58 | 12 | 29 | .. | 7 | 2 |
| Worcester, | 68,383 | 26 | 13 | 1 | 6 | .. | .. | .. |
| Lowell, | 64,051 | 57 | 16 | 15 | 5 | 7 | 1 | 6 |
| Cambridge, | 59,660 | 18 | 5 | .. | 4 | .. | .. | .. |
| Fall River, | 56,863 | 37 | 15 | 5 | 8 | 1 | 1 | .. |
| Lynn, | 45,861 | 17 | 5 | 1 | 3 | .. | .. | .. |
| Lawrence, | 38,825 | 13 | 3 | .. | 2 | .. | .. | .. |
| Springfield, | 37,577 | 15 | 6 | 2 | .. | .. | .. | .. |
| New Bedford, | 33,393 | 22 | 6 | .. | 1 | .. | .. | .. |
| Somerville, | 29,992 | 15 | 7 | 3 | 2 | .. | .. | 1 |
| Salem, | 28,084 | 14 | 2 | .. | 4 | .. | .. | .. |
| Holyoke, | 27,894 | 6 | 3 | 2 | .. | .. | .. | .. |
| Chelsea, | 25,709 | 11 | 1 | 1 | 2 | .. | .. | 1 |
| Taunton, | 23,674 | 4 | 0 | .. | .. | .. | .. | .. |
| Haverhill, | 21,795 | 8 | 3 | .. | 1 | .. | .. | .. |
| Gloucester, | 21,713 | 3 | 0 | 1 | .. | .. | .. | .. |
| Brockton, | 20,783 | 7 | 1 | .. | 3 | .. | .. | .. |
| Newton, | 19,759 | 8 | 3 | .. | 1 | .. | .. | .. |
| Malden, | 16,407 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,375 | 5 | 1 | .. | .. | .. | .. | .. |
| Waltham, | 14,609 | 6 | 4 | .. | 1 | .. | .. | .. |
| Newburyport, | 13,716 | 3 | 1 | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | 5 | 2 | 2 | .. | .. | 1 | .. |
| Attleborough, | 14,466 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 5 | 2 | .. | .. | .. | .. | .. |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns. | 1,083,162 | 494 | 157 | 46 | 71 | 8 | 10 | 10 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND GREATER TOWNS OF MASSACHUSETTS:

Forty-six deaths were reported from the principal infectious diseases: measles, 10; diphtheria and croup, 10; diarrhœal diseases, 8; typhoid fever, 6; cerebro-spinal meningitis, 5; whooping-cough, 4; searlet fever, 2.

No deaths were reported from small-pox and malarial fevers.

There were 71 deaths from consumption; lung diseases, 72; and still-births, 20.

From typhoid fever: Boston and Springfield, 2 each; Lowell and Somerville, 1 each. From cerebro-spinal meningitis: Fall River, 2; Worcester, Haverhill and Northampton, 1 each. From whooping-cough: Holyoke, 2; Boston and Lynn, 1 each. From scarlet fever: Fall River and Somerville, 1 each.

Deaths from the principal infectious diseases numbered 46 against 48 for the preceding week.

Deaths under five years of age numbered 157 against 125 for the preceding week.

Cases reported in Boston: measles, 65; searlet fever, 33; diphtheria, 17; and typhoid fever, 8.

Death-rates for the week were: Boston, 26.51; Worcester, 19.76; Lowell, 46.27; Cambridge, 16.02; Fall River, 15.54; Lynn, 19.21; Lawrence, 17.42; Springfield, 19.70; New Bedford, 26.32; Somerville, 26.10; Salem, 25.90; Holyoke, 10.16; Chelsea, 22.22; Taunton, 9.80; Haverhill, 19.04; Gloucester, 7.17; Brockton, 17.50; Newton, 21.04; Malden, ——; Fitchburg, 16.90; Waltham, 21.36; Newburyport, 11.40; Northampton, 20.15.

The total death-rate for the week was 23.72 against 22.68 and 20.27 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

## The Meteorological Record for the week, in Boston, was as follows:-

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Mar. 26, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | DURATION. | AMOUNT IN INCHES. |
| March. | | | | | | | | | | | | | | | | | | | |
| Sunday, 20, | 29.918 | 36.0 | 40.0 | 33.0 | 89 | 81 | 64 | 78.0 | N. E. | E. | S. E. | 12 | 8 | 4 | O. | O. | C. | | |
| Monday, 21, | 29.959 | 41.0 | 53.0 | 31.0 | 74 | 41 | 78 | 65.0 | W. | S.W. | S. | 6 | 10 | 11 | C. | F. | C. | | |
| Tuesday, 22. | 29.213 | 36.0 | 40.0 | 34.0 | 93 | 100 | 98 | 97.0 | E. | N. E. | N. W. | 28 | 14 | 18 | Sl. | O. | R. | | |
| Wednes'y, 23, | 29.501 | 28.0 | 36.0 | 24.0 | 67 | 65 | 54 | 62.0 | N. W. | N. W. | W. | 28 | 28 | 24 | O. | O. | C. | | |
| Thursday, 24, | 29.766 | 34.0 | 42.0 | 20.0 | 60 | 36 | 75 | 57.0 | N. W. | W. | S. W. | 16 | 18 | 14 | C. | C. | C. | | |
| Friday, 25, | 29.642 | 37.0 | 46.0 | 27.0 | 68 | 34 | 54 | 52.0 | W. | W. | W. | 24 | 32 | 17 | F. | C. | C. | | |
| Saturday, 26, | 30.154 | 27.0 | 32.0 | 23.0 | 53 | 51 | 53 | 52.0 | W. | W. | W. | 22 | 24 | 16 | C. | C. | C. | Hours. 26 | Inches. .55 |
| Week. - - | 29.736 | 34.0 | 41.0 | 27.0 | | | | 66.0 | | | | | | | | | | | |

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; Sl., Sleet.

# WEEKLY RETURN OF MORTALITY

—OF—

MASSACHUSETTS.

Oct. 2, 1857.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

MAY 27 1919

# MORTALITY OF MASSACHUSETTS

For the Week ending April 2d, 1887.

## Deaths reported to the State Board of Health in 23 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. | |
| Boston, | 390,406 | 193 | 64 | 11 | 28 | .. | 4 | 4 | |
| Worcester, | 68,383 | 14 | 10 | 3 | 1 | .. | .. | .. | |
| Lowell, | 64,051 | 35 | 11 | 9 | 3 | 4 | 2 | 2 | |
| Cambridge, | 59,660 | 25 | 6 | 1 | 6 | .. | .. | 1 | |
| Fall River, | 56,863 | 23 | 11 | 3 | 5 | .. | .. | 1 | |
| Lynn, | 45,861 | 13 | 2 | .. | .. | .. | .. | .. | |
| Lawrence, | 38,825 | 16 | 6 | 1 | 1 | .. | .. | .. | |
| Springfield, | 37,577 | 16 | 3 | .. | 2 | .. | .. | .. | |
| New Bedford, | 33,393 | 15 | 4 | .. | 3 | .. | .. | .. | |
| Somerville, | 29,992 | 13 | 6 | 1 | 3 | .. | .. | .. | |
| Salem, | 28,084 | 12 | 3 | 1 | 4 | .. | .. | .. | |
| Holyoke, | 27,894 | 10 | 4 | 5 | 2 | 4 | 1 | .. | |
| Chelsea, | 25,709 | 12 | 2 | 2 | 1 | .. | 1 | 1 | |
| Taunton, | 23,674 | 7 | 3 | .. | 1 | .. | .. | .. | |
| Haverhill, | 21,795 | 11 | 1 | .. | 3 | .. | .. | .. | |
| Gloucester, | 21,713 | 7 | 2 | 2 | 2 | .. | 2 | .. | |
| Brockton, | 20,783 | .. | .. | .. | .. | .. | .. | .. | |
| Newton, | 19,759 | 3 | 2 | .. | .. | .. | .. | .. | |
| Malden, | 16,407 | 2 | 0 | 1 | 1 | .. | 1 | .. | |
| Fitchburg, | 15,375 | 6 | 3 | .. | 1 | .. | .. | .. | |
| Waltham, | 14,609 | 9 | 2 | .. | 2 | .. | .. | .. | |
| Newburyport, | 13,716 | 10 | 3 | .. | 2 | .. | .. | .. | |
| Northampton, | 12,896 | 6 | 2 | 1 | 1 | .. | 1 | .. | |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. | |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. | |
| Quincy, | 12,144 | 3 | 3 | 1 | .. | .. | .. | 1 | |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. | |
| Chicopee, | 11,528 | .. | .. | .. | .. | .. | .. | .. | |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. | |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. | |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. | |
|---|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,078,786 | 461 | 153 | 42 | 93 | 8 | 12 | 10 | |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Forty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 12; measles, 10; diarrhœal diseases, 8; cerebro-spinal meningitis, 6; typhoid fever, 3; scarlet fever, 2; whooping cough, 1.

No deaths were reported from small pox, erysipelas, and malarial fevers.

There were 93 deaths from consumption; lung diseases, 74; still-births, 20.

From cerebro-spinal meningitis: Worcester, 3; Boston, Fall River and Somerville, 1 each. From typhoid fever, Boston, Lowell and Lawrence, 1 each. From scarlet fever, Boston and Fall River, 1 each. From whooping cough, Salem, 1.

Deaths from the principal infectious diseases numbered 42 against 46 for the preceding week.

Deaths under five years of age numbered 153 against 157 for the preceding week.

Cases reported in Boston: measles, 60; diphtheria, 24; scarlet fever, 15, and typhoid fever, 9.

Death rates for the week were: Boston, 25.71; Worcester, 10.64; Lowell, 28.41; Cambridge, 21.30; Fall River, 21.02; Lynn, 14.69; Lawrence 21.44; Springfield, 21.08; New Bedford, 23.40; Somerville, 22.62; Salem, 22.20; Holyoke, 18.60; Chelsea, 24.24; Taunton, 15.50; Haverhill, 26.18; Gloucester, 16.73; Brockton, ——; Newton, 7.89; Malden, 6.34; Fitchburg, 20.28; Waltham, 32.04; Newburyport, 38.00; Northampton, 24.18.

The total death rate for the week was 22.22 against 23.72 and 22.68 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, April 2, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | DURATION. | AMOUNT IN INCHES. |
| March. Sunday, 27. | 30.362 | 29.0 | 34.0 | 19.0 | 46 | 27 | 54 | 42.0 | N.W. | N.W. | E. | 16 | 5 | 12 | F. | O. | O. | | |
| Monday, 28. | 29.583 | 40.0 | 44.0 | 30.0 | 100 | 85 | 83 | 89.0 | E. | N.W | W. | 6 | 5 | 8 | R. | O. | R. | | |
| Tuesday, 29. | 29.461 | 26.0 | 39.0 | 21.0 | 77 | 61 | 58 | 65.0 | N.W. | N.W. | N.W. | 25 | 24 | 29 | O. | O. | C. | | |
| Wednes'y, 30, | 29.954 | 23.0 | 29.0 | 14.0 | 52 | 47 | 50 | 50.0 | W. | W. | W. | 31 | 28 | 19 | C. | C. | C. | | |
| Thursday, 31. | 30.287 | 34.0 | 44.0 | 21.0 | 56 | 25 | 43 | 41.0 | W. | W. | S.W. | 12 | 6 | 4 | C. | C. | C. | | |
| April Friday, 1. | 30.190 | 35.0 | 38.0 | 30.0 | 76 | 65 | 77 | 73.0 | E. | N.E. | N. E. | 22 | 20 | 21 | O. | O. | O. | | |
| Saturday, 2. | 29.602 | 31.0 | 35.0 | 27.0 | 100 | 100 | 100 | 100.0 | N. E. | N. | N.W. | 24 | 30 | 32 | Heavy Snow. | Heavy Snow. | Light Snow. | | |
| Week, - - | 29.920 | 31.1 | 33.0 | 23.0 | | | | 66.0 | | | | | | | | | | 11 Hours | 1.59 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# MONTHLY MORTALITY

In the 31 smaller towns of Massachusetts as reported to State Board of Health for the month of March.

The total death-rate of reporting towns for the month was 13.59.

| TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths from | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diphtheria and Croup. | Erysipelas. | Whooping Cough. | |
| Brookline, | 9,195 | 12 | 2 | .. | 2 | .. | .. | .. | |
| Marblehead, | 7,518 | 3 | 1 | 1 | .. | 1 | .. | .. | |
| Plymouth, | 7,239 | 6 | 0 | 1 | 1 | 1 | .. | .. | |
| Wakefield, | 6,060 | 5 | 0 | .. | 1 | .. | .. | .. | |
| Andover, | 5,711 | 3 | 0 | .. | .. | .. | .. | .. | |
| Stoneham, | 5,652 | 5 | 2 | 2 | 2 | 1 | 1 | .. | |
| Middleborough, | 5,173 | 7 | 1 | .. | .. | .. | .. | .. | |
| Provincetown, | 4,480 | 8 | 4 | .. | 2 | .. | .. | .. | |
| W. Springfield, | 4,448 | 7 | 3 | 1 | .. | .. | .. | .. | |
| Hingham, | 4,375 | 3 | 0 | .. | 1 | .. | .. | .. | |
| Braintree, | 4,040 | 6 | 1 | 1 | .. | .. | .. | .. | |
| Randolph, | 3,807 | 2 | 0 | .. | 2 | .. | .. | .. | |
| Northbridge, | 3,785 | 7 | 0 | .. | 1 | .. | .. | .. | |
| Concord, | 3,727 | 5 | 0 | .. | 1 | .. | .. | .. | |
| Fairhaven, | 2,880 | 7 | 1 | .. | 1 | .. | .. | .. | |
| Merrimac, | 2,378 | 5 | 0 | .. | 2 | .. | .. | .. | |
| Cohasset, | 2,216 | 1 | 1 | 1 | .. | .. | .. | 1 | |
| Dalton, | 2,113 | 5 | 0 | .. | 1 | .. | .. | .. | |
| Groton, | 1,987 | 4 | 0 | .. | .. | .. | .. | .. | |
| Northborough, | 1,853 | 1 | 0 | .. | .. | .. | .. | .. | |
| Conway, | 1,573 | 2 | 0 | .. | .. | .. | .. | .. | |
| Westminster, | 1,556 | 3 | 0 | .. | .. | .. | .. | .. | |
| Shrewsbury, | 1,450 | 3 | 0 | 1 | .. | .. | 1 | .. | |
| Harvard, | 1,184 | 1 | 0 | .. | .. | .. | .. | .. | |
| Topsfield, | 1,141 | 2 | 0 | .. | .. | .. | .. | .. | |
| Truro, | 972 | 1 | 1 | .. | .. | .. | .. | .. | |
| Rutland, | 963 | 1 | 1 | .. | .. | .. | .. | .. | |
| Bolton, | 876 | 1 | 0 | .. | .. | .. | .. | .. | |
| Clinton, | 8,945 | 8 | 1 | 1 | .. | .. | .. | .. | |
| Enfield, | 1,010 | 2 | 1 | .. | .. | .. | .. | .. | |
| Ashburnham, | 2,058 | 1 | 0 | .. | .. | .. | .. | .. | |
| Total of reporting towns, | 110,365 | 125 | 20 | 9 | 17 | 3 | 2 | 1 | |

# WEEKLY RETURN OF MORTALITY

—OF—

MASSACHUSETTS.

April 7, 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
MAY 12 1887
By

# MORTALITY OF MASSACHUSETTS

For the Week ending April 9th, 1887.

## Deaths reported to the State Board of Health in 20 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute Lung Diseases. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. | |
| Boston, | 390,406 | 205 | 75 | 19 | 34 | 4 | 5 | 4 | |
| Worcester, | 68,383 | 23 | 8 | 3 | 6 | .. | .. | .. | |
| Lowell, | 64,051 | .. | .. | .. | .. | .. | .. | .. | |
| Cambridge, | 59,660 | 22 | 2 | 1 | 1 | .. | .. | 1 | |
| Fall River, | 56,863 | 20 | 11 | 2 | 1 | .. | 1 | .. | |
| Lynn, | 45,861 | 19 | 5 | 1 | 5 | .. | 1 | .. | |
| Lawrence, | 38,825 | 15 | 3 | .. | .. | .. | .. | .. | |
| Springfield, | 37,577 | 15 | 2 | 3 | 2 | .. | 1 | .. | |
| New Bedford, | 33,393 | 7 | 1 | 1 | .. | .. | 1 | .. | |
| Somerville, | 29,992 | 3 | 1 | 2 | .. | 1 | .. | .. | |
| Salem, | 28,084 | 15 | 5 | .. | .. | .. | .. | .. | |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. | |
| Chelsea, | 25,709 | 14 | 1 | 1 | .. | .. | .. | 1 | |
| Taunton, | 23,674 | 8 | 1 | .. | 1 | .. | .. | .. | |
| Haverhill, | 21,795 | 9 | 2 | .. | 1 | .. | .. | .. | |
| Gloucester, | 21,713 | 1 | 0 | .. | .. | .. | .. | .. | |
| Brockton, | 20,783 | .. | .. | .. | .. | .. | .. | .. | |
| Newton, | 19,759 | 5 | 2 | .. | .. | .. | .. | .. | |
| Malden, | 16,407 | 5 | 2 | .. | 2 | .. | .. | .. | |
| Fitchburg, | 15,375 | 8 | 0 | .. | 3 | .. | .. | .. | |
| Waltham, | 14,609 | 2 | 1 | .. | 1 | .. | .. | .. | |
| Newburyport, | 13,716 | 8 | 0 | .. | 2 | .. | .. | .. | |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. | |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. | |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. | |
| Quincy, | 12,144 | 7 | 3 | 3 | .. | .. | .. | 1 | |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. | |
| Chicopee, | 11,528 | .. | | .. | .. | .. | .. | .. | |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. | |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. | |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Acute Lung Diseases. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. | |
|---|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 973,945 | 411 | 125 | 36 | 70 | 5 | 9 | 7 | |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 20 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Thirty-six deaths were reported from the principal infectious diseases: diphtheria and croup, 9; measles, 7; diarrhœal diseases, 5; typhoid fever, 5; cerebro-spinal meningitis, 4; scarlet fever, 3; puerperal fever, 1.

No deaths were reported from small pox, malarial fevers, and erysipelas.

There were 70 deaths from acute lung disease; consumption, 65; still-births, 20.

From typhoid fever, Boston and Worcester, 2 each; Springfield, 1. From cerebro-spinal meningitis, Boston, Worcester, Fall River and Somerville, 1 each. From scarlet fever, Boston, 3. From puerperal fever, Springfield, 1.

Deaths from the principal infectious diseases numbered 36 against 42 for the preceding week.

Deaths under five years of age numbered 125 against 153 for the preceding week.

Cases reported in Boston: measles, 43; scarlet fever, 24; diphtheria, 18, and typhoid fever, 14.

Death rates for the week were: Boston, 27.30; Worcester, 17.48; Lowell, ——; Cambridge, 19.58; Fall River, 18.28; Lynn, 21.47; Lawrence 20.10; Springfield, 20.70; New Bedford, 10.92; Somerville, 19.14; Salem, 27.75; Holyoke, ——; Chelsea, 28.28; Taunton, 19.60; Haverhill, 21.42; Gloucester, 2.39; Brockton, ——; Newton, 13.15; Malden, 15.85; Fitchburg, 27.04; Waltham, 7.12; Newburyport, 30.40; Northampton, ——.

The total death rate for the week was 21.95 against 22.22 and 25.72 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, April 9, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | DURATION. | AMOUNT IN INCHES. |
| April | | | | | | | | | | | | | | | | | | | |
| Sunday, 3. | 29.889 | 44.0 | 52.0 | 30.0 | 55 | 33 | 53 | 47.0 | W. | W. | S.W. | 17 | 12 | 11 | C. | C. | O. | | |
| Monday, 4. | 29 800 | 41.0 | 62.0 | 37.0 | 78 | 69 | 100 | 82.0 | S. | E. | N. E. | 12 | 10 | 10 | O. | C. | G. | | |
| Tuesday, 5. | 29.795 | 36.0 | 47.0 | 30.0 | 94 | 54 | 53 | 67.0 | W. | W. | W. | 6 | 22 | 15 | R. | F. | O. | 7 Hours. | .03 |
| Wednes'y, 6. | 30.122 | 32.0 | 40.0 | 23.0 | 57 | 32 | 46 | 45.0 | N.W. | N.W. | W. | 20 | 22 | 8 | C. | C. | C. | | |
| Thursday, 7. | 30.456 | 36.0 | 42.0 | 28.0 | 57 | 24 | 35 | 39.0 | N.W | N.W. | N.W. | 8 | 14 | 10 | C. | C. | C. | | |
| Friday, 8. | 30.574 | 37.0 | 46.0 | 25.0 | 49 | 60 | 65 | 58.0 | N.W. | S.E. | S.W. | 6 | 6 | 12 | C. | C. | C. | | |
| Saturday, 9. | 30.226 | 52.0 | 65.0 | 35.0 | 68 | 31 | 60 | 54.0 | W. | W. | S.W. | 14 | 14 | 18 | F. | F. | F. | | |
| Week, - - | 30.123 | 40.0 | 50.0 | 29.0 | | | | 56.0 | | | | | | | | | | 7 Hours | .03 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# WEEKLY RETURN OF MORTALITY

—OF—

MASSACHUSETTS.

April 6, 1867.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
APR 5 1867

# MORTALITY OF MASSACHUSETTS

For the Week ending April 16th, 1887.

## Deaths reported to the State Board of Health in 19 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## Population by State Census of 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute Lung Diseases. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. | |
| Boston, | 390,406 | 188 | 65 | 18 | 29 | 2 | 7 | 3 | |
| Worcester, | 68,383 | 27 | 9 | 3 | 4 | .. | 3 | .. | |
| Lowell, | 64,051 | .. | .. | .. | .. | .. | .. | .. | |
| Cambridge, | 59,660 | 25 | 11 | 5 | 6 | .. | 1 | 3 | |
| Fall River, | 56,863 | 26 | 7 | 1 | 2 | .. | .. | .. | |
| Lynn, | 45,861 | 17 | 3 | .. | 4 | .. | .. | .. | |
| Lawrence, | 38,825 | 23 | 9 | 3 | 2 | .. | .. | .. | |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. | |
| New Bedford, | 33,393 | 16 | 3 | 1 | 3 | .. | .. | .. | |
| Somerville, | 29,992 | 6 | .. | .. | 2 | .. | .. | .. | |
| Salem, | 28,084 | 10 | 3 | 2 | 1 | 2 | .. | .. | |
| Holyoke, | 27,894 | 9 | 3 | .. | 3 | .. | .. | .. | |
| Chelsea, | 25,709 | 13 | 1 | 1 | 2 | 1 | .. | .. | |
| Taunton, | 23,674 | 10 | .. | .. | 1 | .. | .. | .. | |
| Haverhill, | 21,795 | .. | .. | .. | .. | .. | .. | .. | |
| Gloucester, | 21,713 | 7 | .. | 1 | 1 | .. | .. | .. | |
| Brockton, | 20,783 | 8 | 2 | .. | 2 | .. | .. | .. | |
| Newton, | 19,759 | 5 | 1 | .. | .. | .. | .. | .. | |
| Malden, | 16,407 | 5 | .. | .. | 2 | .. | .. | .. | |
| Fitchburg, | 15,375 | 5 | .. | .. | 1 | .. | .. | .. | |
| Waltham, | 14,609 | 2 | .. | .. | 1 | .. | .. | .. | |
| Newburyport, | 13,716 | .. | .. | .. | .. | .. | .. | .. | |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. | |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. | |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. | |
| Quincy, | 12,144 | 3 | 2 | 1 | 1 | .. | .. | 1 | |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. | |
| Chicopee, | 11,528 | .. | . | .. | .. | .. | .. | .. | |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. | |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. | |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Acute Lung Diseases. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. | |
|---|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 949,534 | 405 | 120 | 36 | 66 | 5 | 11 | 7 | |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 19 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Thirty-six deaths were reported from the principal infectious diseases: diphtheria and croup, 11; measles, 7; diarrhœal diseases, 5; typhoid fever, 6; puerperal fever, 4; scarlet fever, 3; whooping cough, 1.

No deaths were reported from small pox, cerebro-spinal meningitis, and malarial fevers.

There were 66 deaths from acute lung diseases; consumption, 64: still-births, 20.

From typhoid fever, Boston and Lawrence, 2 each; Fall River and Gloucester, 1 each. From puerperal fever, Boston, Cambridge, New Bedford, and Newton, 1 each. From scarlet fever, Boston, 3. From whooping cough, Lawrence, 1.

Deaths from the principal infectious diseases numbered the same as for the preceding week.

Deaths under five years of age numbered 120 against 125 for the preceding week.

Cases reported in Boston: measles, 60; diphtheria, 25; scarlet fever, 22, and typhoid fever, 15.

Death rates for the week were: Boston, 25.04; Worcester, 20.25; Lowell, ——; Cambridge, 22.25; Fall River, 23.76; Lynn, 16.89; Lawrence, 30.92; Springfield, ——; New Bedford, 24.96; Somerville, 10.44; Salem, 18.50; Holyoke, 16.74; Chelsea, 26.26; Taunton, 22.00; Haverhill, ——; Gloucester, 16.73; Brockton, 20.00; Newton, 13.15; Malden, 15.85; Fitchburg, 16.90; Waltham, 7.12; Newburyport, ——; Northampton, ——.

The total death rate for the week was 22.18 against 21.95 and 22.22 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, April 16, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| April. | | | | | | | | | | | | | | | | | | | |
| Sunday, 10. | 29.942 | 65.0 | 80.0 | 52.0 | 55 | 32 | 55 | 47.0 | W. | W. | W. | 14 | 14 | 12 | F. | C. | C. | | |
| Monday, 11. | 29 966 | 59.0 | 75.0 | 46.0 | 49 | 44 | 61 | 51.0 | W. | W. | N. | 8 | 29 | 16 | O. | F. | C. | ½ | |
| Tuesday, 12. | 30.309 | 40.0 | 47.0 | 37.0 | 54 | 56 | 70 | 60.0 | N. | E. | E. | 8 | 12 | 1 | C. | O. | O. | | |
| Wednes'y, 13. | 30.364 | 37.0 | 42.0 | 33.0 | 52 | 54 | 45 | 50.0 | N.E. | S.E. | N. | 14 | 8 | 12 | O. | C. | C. | | |
| Thursday, 14. | 30.205 | 40.0 | 46.0 | 30.0 | 35 | 43 | 39 | 39.0 | N. | E. | S.E. | 8 | 12 | 6 | C. | C. | C. | | |
| Friday, 15. | 30.012 | 41.0 | 45.0 | 33.0 | 51 | 57 | 47 | 52.0 | N. E. | E. | S. | 4 | 8 | 7 | C. | F. | R. | 3 | |
| Saturday, 16. | 29.623 | 39.0 | 43.0 | 36.0 | 99 | 94 | 87 | 93.0 | E. | N. E. | N. | 14 | 13 | 12 | R. | C. | C. | 14 | .46 |
| Week, - - | 30.060 | 46.0 | 54.0 | 38.0 | | | | 56.0 | | | | | | | | | | 17½ | .46 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

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STATE HOUSE BOSTON.
1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING APRIL 23, 1887.

### Deaths reported to the State Board of Health in 22 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute Lung Diseases. | Diphtheria and Croup. | Cerebro-spinal Meningitis. | Measles. |
| Boston, | 390,406 | 203 | 68 | 22 | 34 | 7 | .. | 1 |
| Worcester, | 68,383 | 30 | 12 | .. | 5 | .. | .. | .. |
| Lowell, | 64,051 | 46 | 26 | 23 | 4 | 2 | 6 | 13 |
| Cambridge, | 59,660 | 29 | 6 | 3 | 7 | 1 | .. | 2 |
| Fall River, | 56,863 | 22 | 7 | .. | 3 | .. | .. | .. |
| Lynn, | 45,861 | 13 | 3 | 2 | 3 | 1 | .. | .. |
| Lawrence, | 38,825 | 16 | 5 | 4 | 2 | .. | .. | .. |
| Springfield, | 37,577 | 14 | 2 | 2 | 1 | .. | .. | 2 |
| New Bedford, | 33,393 | 16 | 4 | 1 | 1 | .. | .. | .. |
| Somerville, | 29,992 | 18 | 10 | 4 | 6 | .. | 2 | 2 |
| Salem, | 28,084 | 13 | 4 | 1 | 2 | 1 | .. | .. |
| Holyoke, | 27,894 | 11 | 7 | 2 | 2 | .. | .. | 1 |
| Chelsea, | 25,709 | 14 | 3 | .. | 1 | .. | .. | .. |
| Taunton, | 23,674 | 5 | 3 | 1 | 1 | .. | 1 | .. |
| Haverhill, | 21,795 | 6 | 1 | 1 | .. | 1 | .. | .. |
| Gloucester, | 21,713 | 6 | 1 | .. | 1 | .. | .. | .. |
| Brockton, | 20,783 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 19,759 | 5 | 1 | .. | .. | .. | .. | .. |
| Malden, | 16,407 | 7 | 2 | .. | 2 | .. | .. | .. |
| Fitchburg, | 15,375 | .. | .. | .. | .. | .. | .. | .. |
| Waltham, | 14,609 | 8 | 1 | .. | 4 | .. | .. | .. |
| Newburyport, | 13,716 | 4 | 0 | .. | 1 | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 8 | 3 | 5 | 1 | 3 | 1 | 1 |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | 4 | 1 | .. | 1 | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Acute Lung Diseases. | Diphtheria and Croup. | Cerebro-spinal Meningitis. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,062,033 | 498 | 170 | 71 | 84 | 16 | 10 | 22 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Seventy-one deaths were reported from the principal infectious diseases: measles, 22; diphtheria and croup, 16; cerebro-spinal meningitis, 10; typhoid fever, 9; diarrhœal diseases, 5; whooping cough, 4; erysipelas, 3; scarlet fever, 2.

No deaths were reported from small-pox, malarial fevers, and puerperal fevers.

There were 84 deaths from acute lung diseases; consumption, 64; still-births, 18.

From typhoid fever: Lawrence, 4: Boston and Lowell, 2 each: Holyoke, 1. From diarrhœal diseases: Boston, 4; New Bedford, 1. From whooping cough: Boston, 3; Lynn, 1. From erysipelas: Boston, 3. From scarlet fever: Boston, 2.

Deaths from the principal infectious diseases numbered 71 against 36 for the preceding week.

Deaths under five years of age numbered 170 against 120 for the preceding week.

The mortality from measles is three times that of the previous week, and a slight increase in the deaths from diphtheria and croup. No noteworthy changes in the other diseases.

Dalton reports one case of small-pox.

Cases reported in Boston: measles, 38; scarlet fever, 29; typhoid fever, 26; and diphtheria, 19.

Death rates for the week were: Boston, 27.04; Worcester, 22.80; Lowell, 37.34; Cambridge, 25.81; Fall River, 20.11; Lynn, 14.69; Lawrence, 21.44; Springfield, 19.32; New Bedford, 24.96; Somerville, 31.32; Salem, 24.05; Holyoke, 20.46; Chelsea, 28.28; Taunton, 11.10; Haverhill, 14.28; Gloucester, 14.34; Brockton, ——; Newton, 13.15; Malden, 22.19; Fitchburg, ——; Waltham, 24.48; Newburyport, 15.20; Northampton, ——.

The total death rate for the week was 24.38 against 22.18 and 21.95 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, April 23, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| April. | | | | | | | | | | | | | | | | | | | |
| Sunday, 17, | 29.835 | 39.0 | 48.0 | 34.0 | 69 | 43 | 41 | 51.0 | N. W. | N. W. | N. W. | 24 | 16 | 16 | O. | C. | C. | | |
| Monday, 18, | 29.818 | 29.0 | 35.0 | 26.0 | 64 | 100 | 97 | 87.0 | N. | E. | N. E. | 7 | 16 | 24 | O. | H. S. | R. | 12 | .33 |
| Tuesday, 19, | 29.837 | 39.0 | 48.0 | 28.0 | 82 | 39 | 48 | 56.0 | N. | N. | N. W. | 16 | 12 | 11 | O. | C. | C. | 2 | .02 |
| Wednes'y, 20, | 30.039 | 48.0 | 56.0 | 34.0 | 51 | 35 | 47 | 44.0 | W. | W. | N. W. | 8 | 14 | 7 | C. | C. | C. | | |
| Thursday, 21, | 30.106 | 47.0 | 54.0 | 38.0 | 45 | 54 | 57 | 52.0 | N. W. | E. | W. | 4 | 12 | 11 | C. | C. | C. | | |
| Friday, 22, | 30.117 | 51.0 | 60.0 | 42.0 | 51 | 60 | 53 | 55.0 | W. | E. | S. | 6 | 12 | 4 | C. | C. | C. | | |
| Saturday, 23, | 29.939 | 50.0 | 59.0 | 46.0 | 50 | 57 | 94 | 67.0 | S. W. | E. | S. E. | 2 | 14 | 8 | C. | T. | R. | 3 | .01 |
| Week, - - | 29.956 | 43.0 | 51.0 | 35.0 | | | | 59.0 | | | | | | | | | | 17 | .36 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; H. S., Heavy Snow.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Apr. 30, 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE BOARD OF HEALTH,
MAY 2, 1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING APRIL 30, 1887.

### Deaths reported to the State Board of Health in 18 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute Lung Diseases. | Typhoid Fever. | Diphtheria and Croup. | Measles. |
| Boston, | 390,406 | 191 | 61 | 23 | 32 | 9 | 6 | 2 |
| Worcester, | 68,383 | 21 | 8 | 1 | 3 | .. | .. | 1 |
| Lowell, | 64,051 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 59,660 | 31 | 7 | 1 | 8 | .. | 1 | .. |
| Fall River, | 56,863 | .. | .. | .. | .. | .. | .. | .. |
| Lynn, | 45,861 | 25 | 4 | .. | 9 | .. | .. | .. |
| Lawrence, | 38,825 | 9 | 3 | .. | 1 | .. | .. | .. |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 10 | .. | .. | 1 | .. | .. | .. |
| Somerville, | 29,992 | 7 | 1 | .. | .. | .. | .. | .. |
| Salem, | 28,084 | 18 | 4 | 3 | 1 | 1 | 1 | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 17 | 5 | 4 | .. | .. | .. | 3 |
| Taunton, | 23,674 | 7 | 3 | 1 | 1 | .. | .. | .. |
| Haverhill, | 21,795 | .. | .. | .. | .. | .. | .. | .. |
| Gloucester, | 21,713 | 8 | 1 | .. | 2 | .. | .. | .. |
| Brockton, | 20,783 | 5 | 2 | 1 | 1 | 1 | .. | .. |
| Newton, | 19,759 | 4 | 1 | .. | .. | .. | .. | .. |
| Malden, | 16,407 | 9 | 0 | 2 | .. | .. | .. | .. |
| Fitchburg, | 15,375 | .. | .. | .. | .. | .. | .. | .. |
| Waltham, | 14,609 | 4 | 0 | .. | 1 | .. | .. | .. |
| Newburyport, | 13,716 | 7 | 2 | .. | 2 | .. | .. | .. |
| Northampton, | 12,896 | 3 | 0 | .. | 1 | .. | .. | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 2 | 0 | .. | .. | .. | .. | .. |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Acute Lung Diseases. | Typhoid Fever. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 876,014 | 378 | 102 | 39 | 63 | 11 | 8 | 6 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 18 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Thirty-nine deaths were reported from the principal infectious diseases: diphtheria and croup, 8; diarrhœal diseases, 4; measles, 6; scarlet fever, 4; typhoid fever, 11; cerebro-spinal meningitis, 1; whooping cough, 1.

No deaths were reported from small-pox, malarial fever, and puerperal fever.

There were 63 deaths from acute lung diseases; consumption, 52; still-births, 17.

From diarrhœal diseases: Boston, 2; Salem and Malden, 1 each. From scarlet fever: Boston, 2; Chelsea and Taunton, 1 each. From cerebro-spinal meningitis, Salem, 1. From whooping cough: Boston, 1.

Deaths from the principal infectious diseases numbered 39 against 71 for the preceding week.

Deaths under five years of age numbered 102 against 170 for the preceding week.

Cases reported in Boston: measles, 73; diphtheria, 31; scarlet fever, 23; and typhoid fever, 14;

Death rates for the week were: Boston, 25.44; Worcester, 15.96; Lowell, ——; Cambridge, 27.59; Fall River, ——; Lynn, 28.25; Lawrence, 12.06; Springfield,——; New Bedford, 15.60; Somerville, 12.18; Salem, 33.33; Holyoke, ——; Chelsea, 34.34; Taunton, 15.40; Haverhill, ——; Gloucester, 19.12; Brockton, 12.50; Newton, 10.52; Malden, 28.53; Fitchburg, ——; Waltham, 14.24; Newburyport, 27.30; Northampton, 12.09.

The total death rate for the week was 22.44 against 24.38 and 22.18 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, April 30, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| April. Sunday, 24, | 29.845 | 48.0 | 64.0 | 43.0 | 93 | 75 | 63 | 77.0 | N. | S. E. | N. W. | 11 | 10 | 6 | O. | C. | C. | | |
| Monday, 25, | 29.988 | 51.0 | 60.0 | 41.0 | 37 | 43 | 87 | 56.0 | N. W. | S. | S. | 2 | 16 | 10 | C. | T. | R. | | |
| Tuesday, 26, | 29.732 | 46.0 | 55.0 | 35.0 | 100 | 59 | 55 | 71.0 | N. E. | W. | S. W. | 24 | 11 | 9 | R. | O. | C. | | |
| Wednes'y, 27, | 29.904 | 52.0 | 58.0 | 43.0 | 63 | 33 | 39 | 45.0 | W. | W. | N. | 12 | 22 | 3 | C. | C. | C. | | |
| Thursday, 28, | 29.713 | 48.0 | 58.0 | 44.0 | 73 | 87 | 100 | 87.0 | S. E. | S. E. | E. | 8 | 8 | 16 | C. | T. | R. | | |
| Friday, 29, | 29.166 | 50.0 | 56.0 | 45.0 | 87 | 100 | 100 | 96.0 | E. | E. | N. | 16 | 12 | 10 | O. | G. | R. | | |
| Saturday, 30, | 29.379 | 51.0 | 57.0 | 48.0 | 75 | 54 | 57 | 62.0 | W. | W. | N. W. | 20 | 18 | 32 | O. | T. | O. | | |
| Week, - - | 29.675 | 49.0 | | | | | | 71.0 | | | | | | | | | | 42 | 1.54 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

May 7 1878

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
OCT 16 1937

# MORTALITY OF MASSACHUSETTS

FOR THE WEEK ENDING MAY 7, 1887.

## Deaths reported to the State Board of Health in 17 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | AcuteLung Diseases. | Typhoid Fever. | Diphtheria and Croup. | Scarlet Fever. |
| Boston, | 390,406 | 193 | 55 | 17 | 40 | 5 | 7 | 2 |
| Worcester, | 68,383 | 18 | 4 | 3 | 4 | .. | 3 | .. |
| Lowell, | 64,051 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 59,660 | 22 | 7 | 1 | 6 | .. | .. | .. |
| Fall River, | 56,863 | 28 | 10 | 5 | 4 | 1 | 2 | .. |
| Lynn, | 45,861 | 14 | 1 | .. | 1 | .. | .. | .. |
| Lawrence, | 38,825 | 10 | 3 | .. | 3 | .. | .. | .. |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 15 | 2 | 1 | 6 | 1 | .. | .. |
| Somerville, | 29,992 | 9 | 1 | 2 | .. | 1 | .. | .. |
| Salem, | 28,084 | .. | .. | .. | .. | .. | .. | .. |
| Holyoke, | 27,894 | 9 | 6 | 4 | 1 | 1 | .. | 1 |
| Chelsea, | 25,709 | .. | .. | .. | .. | .. | .. | .. |
| Taunton, | 23,674 | 15 | 6 | 4 | 2 | .. | .. | 4 |
| Haverhill, | 21,795 | .. | .. | .. | .. | .. | .. | .. |
| Gloucester, | 21,713 | 9 | 2 | 1 | 2 | .. | .. | .. |
| Brockton, | 20,783 | 6 | 3 | 1 | .. | .. | .. | .. |
| Newton, | 19,759 | 12 | 4 | 2 | 2 | 1 | .. | .. |
| Malden, | 16,407 | 8 | 2 | 1 | 1 | .. | 1 | .. |
| Fitchburg, | 15,375 | 7 | 2 | .. | .. | .. | .. | .. |
| Waltham, | 14,609 | 10 | 2 | .. | 3 | .. | .. | .. |
| Newburyport, | 13,716 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 2 | 2 | .. | 1 | .. | .. | .. |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | AcuteLung Diseases. | Typhoid Fever. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 895,741 | 387 | 112 | 42 | 76 | 10 | 13 | 7 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 17 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Forty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 13; typhoid fever, 10; scarlet fever, 7; diarrhœal diseases, 5; cerebro-spinal meningitis, 4; measles, 3; whooping cough, 1; erysipelas, 1.

No deaths were reported from small-pox, and malarial fever.

There were 76 deaths from acute lung diseases; consumption, 62; still-births, 17.

From diarrhœal diseases: Fall River, 2; Somerville and Holyoke, 1 each. From cerebro-spinal meningitis: Fall River, 2; Cambridge and Gloucester, 1 each. From measles: Boston, Holyoke and Brockton, 1 each. From whooping cough: Boston, 1. From erysipelas: Boston, 1.

Deaths from the principal infectious diseases numbered 42 against 39 for the preceding week.

Deaths under five years of age numbered 112 against 102 for the preceding week.

Cases reported in Boston: measles, 74; scarlet fever, 24; diphtheria, 18; and typhoid fever, 10.

Westfield, one case of small-pox.

Death rates for the week were: Boston, 25.71; Worcester, 13.50; Lowell, ——; Cambridge, 19.58; Fall River, 25.59; Lynn, 15.82; Lawrence, 13.40; Springfield,——; New Bedford, 23.40; Somerville, 15.66; Salem, ——; Holyoke, 16.74; Chelsea, ——; Taunton, 33.00; Haverhill, ——; Gloucester, 19.51; Brockton, 15.00; Newton, 31.36; Malden, 25.36; Fitchburg, 23.66; Waltham, 35.60; Newburyport, ——; Northampton, ——.

The total death rate for the week was 22.46 against 22.44 and 24.38 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, May 7, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| May. | | | | | | | | | | | | | | | | | | | |
| Sunday, 1, | 29.92 | 58.0 | 66.0 | 46.0 | 44 | 70 | 35 | 50.0 | N. W. | N. W. | N. W. | 23 | 20 | 8 | C. | C. | C. | | |
| Monday, 2, | 30.31 | 54.0 | 60.0 | 49.0 | 44 | 54 | 53 | 50.0 | N. E. | E. | S. | 6 | 14 | 4 | F. | F. | C. | | |
| Tuesday, 3, | 30.29 | 60.0 | 74.0 | 47.0 | 67 | 91 | 62 | 73.0 | S. | S. | S. W. | 1 | 13 | 13 | C. | O. | C. | | |
| Wednes'y, 4, | 30.00 | 69.0 | 82.0 | 54.0 | 78 | 53 | 26 | 52.0 | S. W. | S. W. | S. W. | 8 | 16 | 12 | O. | C. | F. | | |
| Thursday, 5, | 30.04 | 64.0 | 70.0 | 55.0 | 49 | 44 | 54 | 49.0 | N. W. | S. E. | S. | 4 | 8 | 6 | F. | F. | F. | | |
| Friday, 6, | 30.25 | 51.0 | 61.0 | 48.0 | 78 | 81 | 87 | 81.0 | E. | E. | E. | 4 | 5 | 4 | C. | C. | C. | 1 | † |
| Saturday, 7, | 30.33 | 48.0 | 53.0 | 46.0 | 78 | 80 | 96 | 85.0 | E. | E. | E. | 8 | 8 | 10 | T. | T. | R. | 4 | .12 |
| Week, - - | 30.306 | 57.7 | 67.0 | 49.0 | | | | 63.0 | | | | | | | | | | 5 | .12 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.
† Inappreciable.

# MONTHLY MORTALITY

In the 31 smaller towns of Massachusetts as reported to the State Board of Health for the month of April.

The total death-rate of reporting towns for the month was 17.26.

| TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths from | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Whooping Cough. | Diphtheria and Croup. |
| Brookline, | 9,195 | 11 | 2 | .. | 3 | .. | .. | .. |
| Marblehead, | 7,518 | 7 | 1 | .. | .. | .. | .. | .. |
| Plymouth, | 7,239 | 15 | 4 | 2 | 2 | .. | .. | 2 |
| Wakefield, | 6,060 | 2 | 0 | .. | 1 | .. | .. | .. |
| Andover, | 5,711 | 8 | 0 | .. | 1 | .. | .. | .. |
| Stoneham, | 5,652 | 7 | 2 | .. | .. | .. | .. | .. |
| Middleborough, | 5,173 | 11 | 2 | 1 | 2 | .. | .. | 1 |
| West Springfield, | 4,448 | 3 | 0 | .. | 1 | .. | .. | .. |
| Hingham, | 4,375 | 5 | 1 | 1 | .. | .. | .. | 1 |
| Braintree, | 4,040 | 11 | 2 | 2 | 3 | 1 | .. | 1 |
| Randolph, | 3,807 | 3 | 0 | .. | .. | .. | .. | .. |
| Northbridge, | 3,785 | 6 | 2 | 2 | 1 | .. | .. | .. |
| Concord, | 3,727 | 7 | 3 | 1 | .. | .. | .. | .. |
| Fairhaven, | 2,880 | 5 | 0 | .. | .. | .. | .. | .. |
| Swampscott, | 2,471 | 5 | 0 | .. | .. | .. | .. | .. |
| Merrimac, | 2,378 | 5 | 0 | .. | .. | .. | .. | .. |
| Chelmsford, | 2,304 | 4 | 1 | 1 | .. | .. | 1 | .. |
| Cohasset, | 2,216 | 10 | 3 | 1 | 3 | .. | 1 | .. |
| Dalton, | 2,113 | 2 | 0 | .. | .. | .. | .. | .. |
| Northborough, | 1,853 | 2 | 0 | .. | .. | .. | .. | .. |
| Norton, | 1,718 | 3 | 0 | .. | 1 | .. | .. | .. |
| Longmeadow, | 1,677 | 8 | 3 | .. | 1 | .. | .. | .. |
| Westminster, | 1,556 | 5 | 0 | .. | .. | .. | .. | .. |
| Shrewsbury, | 1,450 | 4 | 1 | 1 | .. | .. | .. | .. |
| Harvard, | 1,184 | 2 | 0 | .. | 1 | .. | .. | .. |
| Topsfield, | 1,141 | 1 | 0 | .. | .. | .. | .. | .. |
| Rutland, | 963 | 2 | 1 | .. | .. | .. | .. | .. |
| Bolton, | 876 | 2 | 0 | .. | .. | .. | .. | .. |
| Wendell, | 509 | 1 | 0 | .. | .. | .. | .. | .. |
| Enfield, | 1,010 | 1 | 0 | .. | .. | .. | .. | .. |
| Clinton, | 8,975 | 13 | 6 | 1 | 1 | .. | .. | 1 |
| Total of reporting towns, | 118,932 | 171 | 34 | 13 | 21 | 1 | 2 | 6 |

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

PUBLISHED BY ORDER OF THE

STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
MAY 24 1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING MAY 14, 1887.

### Deaths reported to the State Board of Health in 21 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. |
| Boston, | 390,406 | 172 | 49 | 20 | 36 | 5 | 6 | 4 |
| Worcester, | 68,383 | 16 | 2 | 6 | 1 | .. | 2 | 1 |
| Lowell, | 64,051 | 31 | 12 | 3 | 8 | .. | .. | 2 |
| Cambridge, | 59,660 | 29 | 9 | 5 | 5 | 1 | 2 | 1 |
| Fall River, | 56,863 | 20 | 10 | 3 | 3 | .. | .. | .. |
| Lynn, | 45,861 | 14 | 3 | .. | 3 | .. | .. | .. |
| Lawrence, | 38,825 | 13 | 4 | .. | 2 | .. | .. | .. |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 15 | 5 | 1 | 2 | .. | .. | .. |
| Somerville, | 29,992 | 7 | 1 | 2 | 1 | .. | .. | 1 |
| Salem, | 28,084 | 15 | 4 | 2 | 3 | .. | 1 | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | 8 | 2 | 1 | 2 | .. | .. | 1 |
| Taunton, | 23,674 | 8 | 1 | .. | 1 | .. | .. | .. |
| Haverhill, | 21,795 | 6 | 2 | .. | .. | .. | .. | .. |
| Gloucester, | 21,713 | 4 | 0 | .. | 1 | .. | .. | .. |
| Brockton, | 20,783 | 7 | 1 | 2 | 1 | .. | .. | .. |
| Newton, | 19,759 | 9 | 1 | 1 | 2 | .. | 1 | .. |
| Malden, | 16,407 | 4 | 1 | .. | 1 | .. | .. | .. |
| Fitchburg, | 15,375 | 3 | 1 | 1 | .. | .. | .. | .. |
| Waltham, | 14,609 | 1 | 0 | .. | 1 | .. | .. | .. |
| Newburyport, | 13,716 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 5 | 5 | 4 | .. | .. | 1 | 2 |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | 8 | 2 | 2 | 3 | 1 | 1 | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,019,014 | 395 | 115 | 53 | 76 | 7 | 14 | 12 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 21 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Fifty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 14; measles, 12; diarrhœal diseases, 7; cerebro-spinal meningitis, 8; scarlet fever, 6; whooping cough, 2; erysipelas, 2; small-pox, 1.

No deaths were reported from malarial fever, and puerperal fever.

There were 76 deaths from consumption; acute lung diseases, 60; still-births, 16.

From cerebro-spinal meningitis: Fall River, 2; Worcester, Lowell, Somerville, Brockton and Fitchburg, 1 each. From scarlet fever: Boston, Worcester, New Bedford, Salem, Brockton and Quincy, 1 each. From whooping cough: Boston and Worcester, 1 each. From erysipelas: Boston and Fall River, 1 each. From small-pox: Cambridge, 1.

Deaths from the principal infectious diseases numbered 53 against 42 for the preceding week.

Deaths under five years of age numbered 115 against 112 for the preceding week.

Cases reported in Boston: measles, 128; typhoid fever, 16; diphtheria, 15; scarlet fever, 14.

Death rates for the week were: Boston, 22.91; Worcester, 12.16; Lowell, 31.66; Cambridge, 25.89; Fall River, 18.28; Lynn, 15.82; Lawrence, 17.42; New Bedford, 23.40; Somerville, 12.18; Salem, 27.75; Holyoke, ——; Chelsea, 16.16; Taunton, 17.60; Haverhill, 14.28; Gloucester, 9.56; Brockton, 17.50; Newton, 23.67; Malden, 12.68; Fitchburg, 10.14; Waltham, 3.56; Newburyport, ——; Northampton, ——.

The total death rate for the week was 20.15 against 22.46 and 24.38 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, May 14. 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| May. | | | | | | | | | | | | | | | | | | |
| Sunday, 8. | 30.21 | 51.0 | 56.0 | 46.0 | 100 | 90 | 93 | 94.0 | N. E. | E. | O. | 3 | 8 | 0 | G. | F. | C. | 4 | .10 |
| Monday, 9. | 30.24 | 56.0 | 67.0 | 49.0 | 71 | 85 | 88 | 81.0 | N. E. | E. | S. E. | 8 | 15 | 5 | C. | C. | C. | | |
| Tuesday, 10. | 30.11 | 72.0 | 86.0 | 48.0 | 59 | 34 | 59 | 51.0 | S. W. | W. | W. | 6 | 14 | 15 | C. | C. | C. | | |
| Wednes'y, 11. | 30.02 | 70.0 | 78.0 | 64.0 | 22 | 13 | 27 | 21.0 | N. W. | N. W. | N. W. | 17 | 20 | 8 | F. | C. | C. | | |
| Thursday, 12. | 29.97 | 62.0 | 70.0 | 56.0 | 26 | 18 | 35 | 26.0 | N. | N. W. | N. W. | 11 | 19 | 10 | F. | C. | C. | | |
| Friday, 13. | 30.11 | 51.0 | 57.0 | 48.0 | 44 | 52 | 60 | 52.0 | N. | E. | S. E. | 6 | 15 | 2 | C. | C. | C. | | |
| Saturday, 14. | 30.30 | 54.0 | 60.0 | 45.0 | 60 | 44 | 41 | 48.0 | N. W. | E. | S. W. | 7 | 9 | 4 | C. | F. | C. | | |
| Week. - - | 30.137 | 59.4 | 68.0 | 51.0 | | | | 53.3 | | | | | | | | | | 4 | .10 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

May 21, 1887

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE BOARD OF HEALTH,
STATE HOUSE, BOSTON.
MAY 21 1887

# MORTALITY OF MASSACHUSETTS

FOR THE WEEK ENDING MAY 21, 1887.

## Deaths reported to the State Board of Health in 22 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diphtheria and Croup. | Scarlet Fever. | Measles. |
| Boston, | 390,406 | 182 | 57 | 25 | 26 | 10 | 4 | 3 |
| Worcester, | 68,383 | 16 | 7 | .. | 1 | .. | .. | .. |
| Lowell, | 64,051 | 38 | 16 | 12 | 2 | 1 | .. | 6 |
| Cambridge, | 59,660 | 23 | 8 | 6 | 1 | 1 | 1 | 4 |
| Fall River, | 56,863 | 24 | 10 | 1 | 2 | .. | .. | .. |
| Lynn, | 45,861 | 21 | 4 | 1 | 3 | .. | .. | .. |
| Lawrence, | 38,825 | 9 | 3 | .. | .. | .. | .. | .. |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 10 | 6 | .. | .. | .. | .. | .. |
| Somerville, | 29,992 | 13 | 2 | 1 | 5 | .. | 1 | .. |
| Salem, | 28,084 | 16 | 5 | 2 | 2 | .. | 1 | .. |
| Holyoke, | 27,894 | 10 | 3 | 1 | 3 | .. | .. | .. |
| Chelsea, | 25,709 | 9 | 2 | 2 | 1 | .. | 2 | .. |
| Taunton, | 23,674 | 3 | 0 | .. | 1 | .. | .. | .. |
| Haverhill, | 21,795 | 6 | 1 | .. | 2 | .. | .. | .. |
| Gloucester, | 21,713 | 6 | 2 | 1 | 2 | .. | .. | .. |
| Brockton, | 20,783 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 19,759 | 4 | 0 | .. | .. | .. | .. | .. |
| Malden, | 16,407 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,375 | 4 | 2 | .. | 1 | .. | .. | .. |
| Waltham, | 14,609 | 6 | 2 | 2 | 2 | .. | .. | .. |
| Newburyport, | 13,716 | 11 | 2 | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | 3 | 0 | 1 | .. | 1 | .. | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,144 | 2 | 1 | 1 | 1 | .. | .. | 1 |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,528 | 5 | 3 | .. | 2 | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diphtheria and Croup. | Scarlet Fever. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,036,330 | 421 | 136 | 56 | 57 | 13 | 9 | 14 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Fifty-six deaths were reported from the principal infectious diseases: measles, 14; diphtheria and croup, 13; scarlet fever, 9; diarrhœal diseases, 6; typhoid fever, 7; cerebro-spinal meningitis, 3; whooping cough, 1.

No deaths were reported from small-pox, erysipelas, and malarial fever.

There were 57 deaths from consumption; acute lung diseases, 52.

From diarrhœal diseases: Boston and Lowell, 2 each; Holyoke and Waltham, 1 each. From typhoid fever: Boston, 3; Lowell, Lynn, Salem and Waltham, 1 each. From cerebro-spinal meningitis: Lowell, Fall River and Gloucester, 1 each. From whooping cough: Boston, 1.

Deaths from the principal infectious diseases numbered 56 against 53 for the preceding week.

Deaths under five years of age numbered 136 against 115 for the preceding week.

Cases reported in Boston: measles, 137; typhoid fever, 31; diphtheria, 23; and scarlet fever, 22.

Death rates for the week were: Boston, 24.24; Worcester, 12.16; Lowell, 30.85; Cambridge, 20.47; Fall River. 21.93; Lynn, 23.73; Lawrence, 12.06; Springfield, ——; New Bedford, 15.60; Somerville, 22.72; Salem, 29.60; Holyoke, 18.60; Chelsea, 18.18; Taunton, 6.60; Haverhill, 14.28; Gloucester, 14.34; Brockton, ——; Newton, 9.52; Malden, ——; Fitchburg, 13.52; Waltham, 21.36; Newburyport, 41.80; Northampton, 12.09.

The total death rate for the week was 21.12 against 20.15 and 22.46 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, May 21, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| May. | | | | | | | | | | | | | | | | | | | |
| Sunday, 15, | 30.27 | 55.0 | 63.0 | 46.0 | 46 | 64 | 67 | 59.0 | S. W. | E. | S. | 1 | 6 | 9 | C. | F. | C. | | |
| Monday, 16, | 30.14 | 54.0 | 59.0 | 48.0 | 66 | 54 | 52 | 57.0 | W. | E. | S. | 1 | 10 | 7 | O. | C. | C. | | |
| Tuesday, 17, | 29.95 | 54.0 | 61.0 | 50.0 | 81 | 55 | 88 | 75.0 | S. E. | S. E. | E. | 6 | 10 | 6 | C. | C. | F. | | |
| Wednes'y, 18, | 29.88 | 53.0 | 56.0 | 49.0 | 100 | 100 | 94 | 98.0 | N. | E. | E. | 2 | 8 | 3 | G. | G. | G. | | |
| Thursday, 19, | 29.96 | 69.0 | 82.0 | 52.0 | 81 | 26 | 37 | 48.0 | W. | N. W. | W. | 4 | 11 | 6 | C. | C. | C. | | |
| Friday, 20, | 30.04 | 77.0 | 89.0 | 61.0 | 45 | 23 | 49 | 39.0 | W. | W. | W. | 6 | 15 | 16 | F. | C. | C. | | |
| Saturday, 21, | 30.22 | 59.0 | 75.0 | 55.0 | 62 | 68 | 78 | 69.0 | N. E. | E. | E. | 10 | 8 | 3 | C. | C. | C. | | |
| Week, - - | 30.066 | 60.1 | 69.0 | 52.0 | | | | 43.6 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# Weekly Return of Mortality

—OF—

## MASSACHUSETTS.

Week ending May 28, 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE BOARD OF HEALTH OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
JUN 11 1887
MAY 27 1919

# MORTALITY OF MASSACHUSETTS

FOR THE WEEK ENDING MAY 28, 1887.

## Deaths reported to the State Board of Health in 22 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases | Diphtheria and Croup. | Measles. |
| Boston, | 390,406 | 186 | 59 | 27 | 34 | 2 | 6 | 3 |
| Worcester, | 68,383 | 16 | 2 | 2 | 3 | .. | 1 | .. |
| Lowell, | 64,051 | 31 | 9 | 7 | 2 | 1 | 2 | .. |
| Cambridge, | 59,660 | 22 | 10 | 4 | 3 | .. | .. | 4 |
| Fall River, | 56,863 | 16 | 6 | .. | 2 | .. | 1 | .. |
| Lynn, | 45,861 | 17 | 2 | .. | 4 | .. | .. | .. |
| Lawrence, | 38,825 | 12 | 3 | 1 | 1 | .. | 1 | 1 |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 12 | 4 | .. | 2 | .. | .. | .. |
| Somerville, | 29,992 | 11 | 3 | 1 | 3 | .. | .. | 1 |
| Salem, | 28,084 | 17 | 5 | 3 | .. | .. | 2 | .. |
| Holyoke, | 27,894 | 10 | .. | 5 | .. | 1 | 2 | 2 |
| Chelsea, | 25,709 | 5 | 2 | 1 | .. | .. | 1 | .. |
| Taunton, | 23,674 | 4 | 2 | .. | .. | .. | .. | .. |
| Haverhill, | 21,795 | 5 | 1 | 1 | 3 | .. | 1 | .. |
| Gloucester, | 21,713 | 3 | 0 | .. | 1 | .. | .. | .. |
| Brockton, | 20,783 | 5 | 2 | 1 | 1 | .. | 1 | .. |
| Newton, | 19,759 | 3 | 1 | .. | .. | .. | .. | .. |
| Malden, | 16,407 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,375 | 4 | 0 | .. | .. | .. | .. | .. |
| Waltham, | 14,609 | 5 | 0 | 1 | .. | .. | .. | .. |
| Newburyport, | 13,716 | 5 | 0 | .. | 2 | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,145 | 4 | 1 | 1 | 1 | .. | .. | .. |
| Chicopee, | 11,516 | 6 | 1 | 2 | .. | .. | 2 | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,044,206 | 399 | 113 | 57 | 63 | 4 | 20 | 11 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Fifty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 20; measles, 11; diarrhœal diseases, 4; typhoid fever, 9; scarlet fever, 7; cerebro-spinal meningitis, 5; erysipelas, 2; puerperal fever, 1.

No deaths were reported from small-pox, and malarial fever.

There were 63 deaths from consumption; lung diseases, 40; still births, 22.

From typhoid fever: Boston, 6; Lowell, Waltham and Quincy, 1 each. From scarlet fever: Boston, 5; Lowell and Salem, 1 each. From cerebro-spinal meningitis: Boston and Lowell, 2 each; Fall River, 1. From erysipelas: Worcester, 1. From puerperal fever: Boston, 1.

Deaths from the principal infectious diseases numbered 57 against 56 for the preceding week.

Deaths under five years of age numbered 113 against 136 for the preceding week.

Death rates for the week were: Boston, 24.77; Worcester, 12.16; Lowell, 32.66; Cambridge, 19.45; Fall River, 14.62; Lynn, 19.21; Lawrence, 16.08; Springfield, ——; New Bedford, 18.92; Somerville, 19.14; Salem, 31.45; Holyoke, 18.60; Chelsea, 10.10; Taunton, 8.80; Haverhill, 11.90; Gloucester, 7.17; Brockton, 12.50; Newton, 7.89; Malden, ——; Fitchburg, 13.52; Waltham, 17.80; Newburyport, 19.00; Northampton, ——.

The total death rate for the week was 19.87 against 21.12 and 20.15 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, May 28, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| May. | | | | | | | | | | | | | | | | | | | |
| Sunday, 22, | 30.17 | 64.0 | 76.0 | 55.0 | 76 | 44 | 86 | 69.0 | E. | S. | S. W. | 5 | 12 | 11 | F. | C. | C. | 8 | |
| Monday, 23, | 29.97 | 72.0 | 85.0 | 58.0 | 72 | 35 | 76 | 61.0 | S. W. | S. W. | S. W. | 18 | 24 | 20 | C. | F. | C. | | |
| Tuesday, 24, | 29.86 | 70.0 | 77.0 | 64.0 | 80 | 63 | 86 | 76.0 | S. W. | S. W. | S. | 16 | 17 | 10 | O. | O. | O. | | |
| Wednes'y, 25, | 29.69 | 67.0 | 72.0 | 64.0 | 94 | 80 | 92 | 89.0 | S. | S. | W. | 8 | 10 | 9 | O. | O. | F. | 8 | .12 |
| Thursday, 26, | 29.59 | 64.0 | 74.0 | 60.0 | 96 | 89 | 76 | 87.0 | W. | E. | S. W. | 5 | 11 | 13 | O. | O. | O. | 2 | .20 |
| Friday, 27, | 29.67 | 57.0 | 68.0 | 51.0 | 92 | 88 | 100 | 93.0 | S. W. | E. | N. | 5 | 18 | 18 | O. | C. | R. | 8 | .11 |
| Saturday, 28, | 29.82 | 48.0 | 52.0 | 46.0 | 93 | 100 | 95 | 96.0 | N. E. | N. E. | N. E. | 23 | 14 | 17 | O. | R. | R. | 16 | .99 |
| Week. - - | 29.824 | 63.1 | 72.0 | 57.0 | | | | 81.6 | | | | | | | | | | 34 | 1.42 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

January 1867.

PUBLISHED BY ORDER OF THE

STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,

# MORTALITY OF MASSACHUSETTS

FOR THE WEEK ENDING JUNE 4, 1887.

## Deaths reported to the State Board of Health in 19 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Typhoid Fever. | Cerebro-Spinal Meningitis. | Measles. |
| Boston, | 390,406 | 132 | 38 | 14 | 28 | 3 | 1 | 5 |
| Worcester, | 68,383 | 20 | 4 | .. | 6 | .. | .. | .. |
| Lowell, | 64,051 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 59,660 | 21 | 5 | 2 | 3 | .. | .. | 1 |
| Fall River, | 56,863 | 17 | 5 | 3 | 2 | .. | 2 | .. |
| Lynn, | 45,861 | 12 | 2 | .. | 2 | .. | .. | .. |
| Lawrence, | 38,825 | 8 | 3 | .. | 1 | .. | .. | .. |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 17 | 6 | 1 | 3 | .. | .. | 1 |
| Somerville, | 29,992 | 7 | 1 | .. | 2 | .. | .. | .. |
| Salem, | 28,084 | 9 | 3 | 2 | 2 | .. | .. | .. |
| Holyoke, | 27,894 | 8 | 4 | .. | 3 | .. | .. | .. |
| Chelsea, | 25,709 | 7 | 0 | .. | 2 | .. | .. | .. |
| Taunton, | 23,674 | 9 | 1 | 2 | 2 | 1 | 1 | .. |
| Haverhill, | 21,795 | 7 | 1 | 1 | 2 | 1 | .. | .. |
| Gloucester, | 21,713 | 4 | 0 | .. | .. | .. | .. | .. |
| Brockton, | 20,783 | 6 | 1 | 1 | .. | .. | 1 | .. |
| Newton, | 19,759 | 6 | 1 | .. | 1 | .. | .. | .. |
| Malden, | 16,407 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,375 | 4 | 0 | .. | 2 | .. | .. | .. |
| Waltham, | 14,609 | 3 | 0 | .. | .. | .. | .. | .. |
| Newburyport, | 13,716 | 4 | 0 | .. | 1 | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,145 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,516 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 13,175 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Woburn, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Typhoid Fever. | Cerebro-Spinal Meningitis. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 969,811 | 301 | 75 | 26 | 62 | 5 | 5 | 7 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 19 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Twenty-six deaths were reported from the principal infectious diseases: measles, 7; cerebro-spinal meningitis, 5; typhoid fever, 5; diphtheria and croup, 4; puerperal fever, 2; diarrhœal diseases, 1; whooping cough, 1; scarlet fever, 1.

No deaths were reported from small-pox and malarial fever.

There were 62 deaths from consumption; lung diseases, 27.

From diphtheria and croup: Salem, 2; Boston and Fall River, 1 each. From puerperal fever: Boston and Cambridge, 1 each. From diarrhœal diseases: Boston, 1. From whooping cough: Boston, 1. From scarlet fever: Boston, 1.

Cases reported in Boston: measles, 128; typhoid fever, 29; scarlet fever, 20; and diphtheria, 17.

Death rates for the week were: Boston, 17.33; Worcester, 14.60; Lowell, ——; Cambridge, 17.85; Fall River, 15.47; Lynn, 13.08; Lawrence, 10.56; Springfield, ——; New Bedford, 25.67; Somerville, 11.69; Salem, 16.56; Holyoke, 14.00; Chelsea, 14.07; Taunton, 19.44; Haverhill, 15.89; Gloucester, 9.32; Brockton, 13.68; Newton, 15.42; Malden, ——; Fitchburg, 13.16; Waltham, 10.20; Newburyport, 15.84; Northampton, ——.

The total death rate for the week was 16.14 against 19.87 and 21.12 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, June 4, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| May. Sunday, 29, | 29.93 | 48.0 | 50.0 | 46.0 | 91 | 93 | 95 | 93.0 | N. E. | N. E. | N. | 13 | 14 | 10 | O. | R. | R. | 10 | .03 |
| Monday, 30, | 30.15 | 53.0 | 58.0 | 47.0 | 87 | 84 | 91 | 87.0 | N. E. | E. | E. | 4 | 11 | 8 | O. | C. | C. | 2 | † —— |
| Tuesday, 31, | 30.36 | 53.0 | 57.0 | 51.0 | 82 | 85 | 87 | 85.0 | S. E. | E. | E. | 6 | 10 | 14 | C. | O. | O. | | |
| June. Wednes'y, 1, | 30.22 | 52.0 | 56.0 | 48.0 | 96 | 100 | 100 | 99.0 | E. | N. E. | N. | 22 | 16 | 9 | R. | R. | R. | 14 | .66 |
| Thursday, 2, | 29.97 | 58.0 | 65.0 | 51.0 | 94 | 95 | 93 | 94.0 | N. E. | E. | S. | 5 | 8 | 5 | O. | O. | C. | 5 | .42 |
| Friday, 3, | 29.69 | 65.0 | 74.0 | 61.0 | 91 | 64 | 82 | 79.0 | S. | N. W. | W. | 9 | 10 | 12 | O. | O. | F. | 3 | † —— |
| Saturday, 4, | 30.02 | 53.0 | 63.0 | 50.0 | 89 | 90 | 80 | 86.0 | N. E. | E. | N. E. | 13 | 20 | 12 | O. | O. | O. | | |
| Week, - - | 30.049 | 54.6 | 60.0 | 51.0 | | | | 89.0 | | | | | | | | | | 34 | 1.11 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.
† "——" = Inappreciable.

# MONTHLY MORTALITY

In the 26 smaller towns of Massachusetts as reported to the State Board of Health for the month of May.

The total death-rate of reporting towns for the month was 13.69.

| TOWNS. | Population. | Reported Deaths in each. | Deaths under five years of age. | Deaths from | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. | |
| Brookline, | 9,195 | 5 | 0 | .. | 1 | .. | .. | .. | |
| Marblehead, | 7,518 | 15 | 2 | 3 | 4 | .. | .. | 2 | |
| Plymouth, | 7,239 | 10 | 3 | .. | 1 | .. | .. | .. | |
| Wakefield, | 6,060 | 2 | 2 | .. | .. | .. | .. | .. | |
| Andover, | 5,711 | 4 | 0 | 1 | .. | .. | .. | .. | |
| Stoneham, | 5,652 | 4 | 1 | 1 | 1 | .. | .. | 1 | |
| Middleborough, | 5,173 | 8 | 1 | 1 | 2 | .. | .. | .. | |
| West Springfield, | 4,448 | 4 | 3 | .. | .. | .. | .. | .. | |
| Hingham, | 4,375 | 6 | 2 | .. | 3 | .. | .. | .. | |
| Braintree, | 4,040 | 5 | 1 | .. | .. | .. | .. | .. | |
| Randolph, | 3,807 | 4 | 0 | .. | .. | .. | .. | .. | |
| Northbridge, | 3,785 | 3 | 1 | .. | .. | 1 | .. | .. | |
| Concord, | 3,727 | 5 | 0 | .. | 2 | .. | .. | .. | |
| Fairhaven, | 2,880 | 6 | 0 | 1 | 1 | .. | .. | .. | |
| Swampscott, | 2,471 | 3 | 0 | .. | 1 | .. | .. | .. | |
| Cohasset, | 2,216 | 0 | 0 | .. | .. | .. | .. | .. | |
| Dalton, | 2,113 | 4 | 0 | 2 | .. | .. | .. | 2 | |
| Groton, | 1,987 | 5 | 0 | .. | .. | .. | .. | .. | |
| Norton, | 1,718 | 2 | 0 | .. | .. | .. | .. | .. | |
| Conway, | 1,573 | 1 | 0 | .. | .. | .. | .. | .. | |
| Harvard, | 1,184 | 1 | 0 | .. | .. | .. | .. | .. | |
| Topsfield, | 1,141 | 2 | 0 | .. | .. | .. | .. | .. | |
| Truro, | 972 | 1 | 1 | .. | .. | .. | .. | .. | |
| Bolton, | 876 | 2 | 0 | .. | .. | .. | .. | .. | |
| Burlington, | 604 | 1 | 0 | .. | .. | .. | .. | .. | |
| Heath, | 568 | 1 | 0 | .. | .. | .. | .. | .. | |
| Shrewsbury, | 1,450 | .. | .. | .. | .. | .. | .. | .. | |
| Rutland, | 963 | .. | .. | .. | .. | .. | .. | .. | |
| Wendell, | 509 | .. | .. | .. | .. | .. | .. | .. | |
| Enfield, | 1,010 | .. | .. | .. | .. | .. | .. | .. | |
| Clinton, | 8,975 | .. | .. | .. | .. | .. | .. | .. | |
| Total of reporting towns, | 91,033 | 104 | 17 | 11 | 16 | 1 | .. | 5 | |

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

June 12, 1887.

PUBLISHED BY ORDER OF THE

STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
MAY 27 1937

# MORTALITY OF MASSACHUSETTS

FOR THE WEEK ENDING JUNE 11, 1887.

## Deaths reported to the State Board of Health in 24 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week; but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Typhoid Fever. | Diphtheria and Croup. | Measles. |
| Boston, | 390,406 | 175 | 46 | 23 | 34 | 5 | 6 | 6 |
| Worcester, | 68,383 | 14 | 2 | 1 | 1 | .. | 1 | .. |
| Lowell, | 64,051 | 31 | 11 | 10 | 3 | .. | 5 | 3 |
| Cambridge, | 59,660 | 16 | 5 | 2 | 5 | .. | .. | 1 |
| Fall River, | 56,863 | 19 | 8 | 2 | 3 | .. | 1 | .. |
| Lynn, | 45,861 | 13 | 4 | 1 | 4 | .. | .. | .. |
| Lawrence, | 38,825 | 14 | 6 | 1 | 3 | 1 | .. | .. |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 9 | 2 | .. | 4 | .. | .. | .. |
| Somerville, | 29,992 | 13 | 5 | .. | 3 | .. | .. | 1 |
| Salem, | 28,084 | 11 | 3 | .. | 2 | .. | .. | .. |
| Holyoke, | 27,894 | 6 | 3 | .. | 2 | .. | .. | .. |
| Chelsea, | 25,709 | 7 | 3 | .. | 1 | .. | .. | .. |
| Taunton, | 23,674 | 8 | 0 | 1 | 3 | .. | .. | .. |
| Haverhill, | 21,795 | 10 | 0 | 2 | 3 | 1 | .. | .. |
| Gloucester, | 21,713 | 4 | 1 | .. | 1 | .. | .. | .. |
| Brockton, | 20,783 | 8 | 2 | .. | 2 | .. | .. | .. |
| Newton, | 19,759 | 7 | 2 | .. | 1 | .. | .. | .. |
| Malden, | 16,407 | 8 | 3 | 2 | 1 | 1 | 1 | .. |
| Fitchburg, | 15,375 | 4 | 0 | .. | 1 | .. | .. | .. |
| Waltham, | 14,609 | 6 | 0 | 1 | 2 | 1 | .. | .. |
| Newburyport, | 13,716 | 4 | 1 | .. | 1 | .. | .. | .. |
| Northampton, | 12,896 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 2 | 1 | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | 4 | 0 | .. | 1 | .. | .. | .. |
| Woburn, | 13,338 | 5 | 1 | .. | .. | .. | .. | .. |
| Attleborough. | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Typhoid Fever. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,101,164 | 398 | 109 | 46 | 81 | 9 | 14 | 11 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 24 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Forty-six deaths were reported from the principal infections diseases: diphtheria and croup, 14; measles, 11; typhoid fever, 9; diarrhœal diseases, 5; scarlet fever, 2; puerperal fever, 2; whooping cough, 2; cerebro-spinal meningitis, 1; erysipelas, 1.

No deaths were reported from small-pox and malarial fever.

There were 81 deaths from consumption; acute lung diseases, 39; still-births, 20.

From diarrhœal diseases: Boston, 2; Lowell, Cambridge and Taunton, 1 each. From scarlet fever: Boston and Lynn, 1 each. From puerperal fever: Boston and Lowell, 1 each. From whooping cough: Boston and Fall River, 1 each. From cerebro-spinal meningitis: Haverhill, 1. From erysipelas, Boston, 1.

Deaths from the principal infectious diseases numbered 46 against 26 for the preceding week.

Deaths under five years of age numbered 109 against 75 for the preceding week.

Cases reported in Boston: measles, 113; diphtheria, 24; scarlet fever, 15; and typhoid fever, 9.

Death rates for the week were: Boston, 22.98; Worcester, 10.22; Lowell, 24.49; Cambridge, 13.60; Fall River, 16.93; Lynn, 14.17; Lawrence, 18.48; Springfield, ——; New Bedford, 13.59; Somerville, 8.35; Salem, 20.24; Holyoke, 10.50; Chelsea, 14.07; Taunton, 17.28; Haverhill, 22.70; Gloucester, 9.32; Brockton, 18.24; Newton, 17.99; Malden, 24.08; Fitchburg, 13.16; Waltham, 20.40; Newburyport, 15.12; Northampton, ——.

The total death rate for the week was 18.79 against 16.14 and 19.87 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, June 11, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| June. | | | | | | | | | | | | | | | | | | | |
| Sunday, 5, | 30.27 | 55.0 | 57.0 | 50.0 | 65 | 72 | 75 | 71.0 | N. E. | E. | S. | 4 | 10 | 9 | C. | O. | O. | | |
| Monday, 6, | 30.18 | 65.0 | 76.0 | 52.0 | 58 | 52 | 82 | 64.0 | S. W. | W. | S. W. | 12 | 14 | 14 | O. | F. | C. | | |
| Tuesday, 7, | 30.02 | 68.0 | 79.0 | 58.0 | 79 | 63 | 86 | 76.0 | W. | S. | S. E. | 14 | 10 | 1 | F. | F. | C. | | |
| Wednes'y, 8, | 29.87 | 66.0 | 74.0 | 57.0 | 91 | 78 | 96 | 88.0 | S. E. | S. W. | S. W. | 4 | 10 | 10 | C. | O. | F. | | |
| Thursday, 9, | 29.75 | 61.0 | 81.0 | 55.0 | 84 | 86 | 83 | 84.0 | W. | N. E. | N. E. | 12 | 24 | 9 | F. | O. | O. | | |
| Friday, 10, | 30.13 | 55.0 | 62.0 | 53.0 | 83 | 72 | 69 | 75.0 | N. E. | E. | E. | 9 | 14 | 10 | F. | C. | C. | | |
| Saturday, 11, | 30.31 | 60.0 | 68.0 | 48.0 | 54 | 41 | 53 | 49.0 | N. | S. E. | S. | 8 | 7 | 8 | C. | C. | C. | | |
| Week, - - | 30.076 | 61.4 | | | | | | 72.4 | | | | | | | | | | | 0 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

June 1, 87

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE BOARD OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
JUN 20 1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING JUNE 18, 1887.

### Deaths reported to the State Board of Health in 19 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup | Measles. |
| Boston, | 390,406 | 138 | 40 | 20 | 29 | 2 | 6 | 2 |
| Worcester, | 68,383 | 28 | 16 | 5 | 3 | 2 | .. | .. |
| Lowell, | 64,051 | 35 | 15 | 9 | 3 | 4 | 1 | 4 |
| Cambridge, | 59,660 | 16 | 6 | 4 | 3 | 1 | 1 | 2 |
| Fall River, | 56,863 | .. | .. | .. | .. | .. | .. | .. |
| Lynn, | 45,861 | 12 | 3 | 1 | 1 | .. | .. | .. |
| Lawrence, | 38,825 | 13 | 5 | 1 | 2 | .. | .. | .. |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 14 | 7 | 1 | 2 | 1 | .. | .. |
| Somerville, | 29,992 | .. | .. | .. | .. | .. | .. | .. |
| Salem, | 28,084 | 8 | 1 | .. | 2 | .. | .. | .. |
| Holyoke, | 27,894 | 6 | 2 | 1 | 1 | 1 | .. | .. |
| Chelsea, | 25,709 | 12 | 6 | 1 | 2 | .. | .. | 1 |
| Taunton, | 23,674 | 6 | 0 | .. | 2 | .. | .. | .. |
| Haverhill, | 21,795 | 8 | 4 | 3 | 4 | 1 | 2 | .. |
| Gloucester, | 21,713 | .. | .. | .. | .. | .. | .. | .. |
| Brockton, | 20,783 | 4 | 0 | .. | 2 | .. | .. | .. |
| Newton, | 19,759 | 10 | 2 | .. | .. | .. | .. | .. |
| Malden, | 16,407 | 2 | 1 | .. | .. | .. | .. | .. |
| Fitchburg, | 15,375 | .. | .. | .. | .. | .. | .. | .. |
| Waltham, | 14,609 | .. | .. | .. | .. | .. | .. | .. |
| Newburyport, | 13,716 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | 1 | 0 | .. | .. | .. | .. | .. |
| Woburn, | 13,338 | 2 | 0 | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 3 | 1 | 1 | .. | .. | 1 | .. |
| Chicopee, | 11,976 | 3 | 1 | .. | 2 | .. | .. | .. |
| Attleborough, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 957,721 | 321 | 110 | 47 | 57 | 12 | 11 | 9 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 19 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Forty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 11; diarrhœal diseases, 12; measles, 9; typhoid fever, 5; whooping cough, 4; scarlet fever, 2; erysipelas, 2; cerebro-spinal meningitis, 1.

No deaths were reported from small-pox and malarial fever.

There were 57 deaths from consumption; acute lung diseases, 30; still-births, 16.

From typhoid fever: Boston, 3; Worcester, 2. From whooping cough: Boston, 4. From scarlet fever: Boston and Worcester, 1 each. From erysipelas: Boston and Lynn, 1 each. From cerebro-spinal meningitis: Boston, 1.

Deaths from the principal infections diseases numbered 47 against 46 for the preceding week.

Deaths under five years of age numbered 110 against 109 for the preceding week.

Death rates for the week were: Boston, 18.12; Worcester, 20.44; Lowell, 28.65; Cambridge, 13.60; Fall River, ——; Lynn, 13.08; Lawrence, ——; Springfield, ——; New Bedford, 21.14; Somerville, ——; Salem, 14.72; Holyoke, 10.50; Chelsea, 24.12; Taunton, 12.96; Haverhill, 18.16; Gloucester, ——; Brockton, 9.12; Newton, 25.70; Malden, 6.02; Fitchburg, ——; Waltham, ——; Newbury, ——; Northampton, 3.96.

The total death rate for the week was 17.43 against 18.79 and 16.14 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, June 18, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| June. | | | | | | | | | | | | | | | | | | | |
| Sunday, 12, | 30.19 | 62.0 | 68.0 | 53.0 | 49 | 44 | 50 | 48.0 | S. W. | E. | S. | 2 | 12 | 6 | C. | C. | C. | | |
| Monday, 13, | 29.91 | 74.0 | 83.0 | 58.0 | 64 | 41 | 48 | 51.0 | N. | E. | N. W. | 6 | 8 | 10 | C. | F. | C. | | |
| Tuesday, 14, | 30.16 | 58.0 | 74.0 | 56.0 | 74 | 62 | 66 | 67.0 | N. E. | E. | S. E. | 25 | 18 | 4 | O. | C. | C. | | |
| Wednes'y, 15, | 30.20 | 58.0 | 71.0 | 50.0 | 67 | 63 | 79 | 70.0 | S. E. | E. | S. W. | 6 | 17 | 14 | C. | C. | C. | | |
| Thursday, 16, | 29.81 | 69.0 | 80.0 | 52.0 | 66 | 55 | 71 | 64.0 | S. W. | S. W. | W. | 12 | 18 | 20 | F. | F. | O. | | |
| Friday, 17, | 29.69 | 68.0 | 77.0 | 65.0 | 74 | 76 | 77 | 76.0 | N. | E. | S. W. | 12 | 12 | 9 | O. | F. | O. | | |
| Saturday, 18, | 29.75 | 61.0 | 68.0 | 58.0 | 61 | 50 | 55 | 55.0 | N. E. | E. | S. | 10 | 12 | 4 | C. | F. | F. | | |
| Week, - - | 29.958 | 64.3 | 63.0 | 56.0 | | | | 61.6 | | | | | | | | | | | |

* O., Cloudy: C., Clear: F., Fair: G., Fog: H., Hazy: S., Smoky: R., Rain: T., Threatening.

STATE LIBRARY OF MASSACHUSETTS BOSTON. 1887

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

June 25, 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING JUNE 25, 1887.

### Deaths reported to the State Board of Health in 19 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10.000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. |
| Boston, | 390,406 | 152 | 53 | 20 | 29 | .. | 9 | 7 |
| Worcester, | 68,383 | 20 | 11 | 2 | 1 | 2 | 1 | .. |
| Lowell, | 64,051 | 22 | 9 | 8 | 2 | 2 | 1 | .. |
| Cambridge, | 59,660 | 18 | 9 | 6 | 4 | 1 | 1 | 4 |
| Fall River, | 56,863 | 27 | 8 | 1 | 6 | 1 | .. | .. |
| Lynn, | 45,861 | 9 | 2 | .. | 2 | .. | .. | .. |
| Lawrence, | 38,825 | .. | .. | .. | .. | .. | .. | .. |
| Springfield, | 37,577 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 33,393 | 15 | 8 | 2 | 2 | .. | .. | 2 |
| Somerville, | 29,992 | 11 | 1 | .. | 4 | .. | .. | .. |
| Salem, | 28,084 | 9 | 0 | .. | .. | .. | .. | .. |
| Holyoke, | 27,894 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,709 | .. | .. | .. | .. | .. | .. | .. |
| Taunton, | 23,674 | 5 | 0 | .. | 1 | .. | .. | .. |
| Haverhill, | 21,795 | 9 | 3 | 2 | 2 | .. | 2 | .. |
| Gloucester, | 21,713 | 3 | 0 | .. | 1 | .. | .. | .. |
| Brockton, | 20,783 | 1 | 0 | .. | .. | .. | .. | .. |
| Newton, | 19,759 | 3 | 0 | .. | 1 | .. | .. | .. |
| Malden, | 16,407 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,375 | 6 | 3 | .. | 1 | .. | .. | .. |
| Waltham, | 14,609 | 4 | 0 | 1 | 2 | .. | .. | .. |
| Newburyport, | 13,716 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 12,896 | 6 | 0 | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 9 | 4 | 2 | 2 | .. | 1 | 1 |
| Woburn, | 13,338 | 6 | 0 | 2 | 2 | .. | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Attleborough, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 986,428 | 335 | 111 | 45 | 65 | 6 | 15 | 14 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 19 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Forty-five deaths were reported from the principal infectious diseases: diphtheria and croup, 15; measles, 14; diarrhœal diseases, 6; cerebro-spinal meningitis, 3; typhoid fever, 2; whooping cough, 1; erysipelas, 1; scarlet fever, 2; puerperal fever, 1.

No deaths were reported from small-pox and malarial fever.

There were 65 deaths from consumption; acute lung diseases, 29; still-births, 32.

From cerebro-spinal meningitis: Lowell, 2; Boston, 1. From typhoid fever: Lowell, 2. From whooping cough: Boston, 1. From scarlet fever: Boston, 2. From erysipelas: Waltham, 1. From puerperal fever: Lowell, 1.

Salem reports one death from malignant pustule.

Deaths from the principal infectious diseases numbered 45 against 47 for the previous week.

Deaths under five years of age numbered 111 against 110 for the preceding week.

Cases reported in Boston: measles, 104; diphtheria, 17; scarlet fever, 15; and typhoid fever, 5.

Death rates for the week were: Boston, 19.96; Worcester, 14.60; Lowell, 17.38; Cambridge, 17.30; Fall River, 24.06; Lynn, 9.81; Lawrence, ——; Springfield, ——; New Bedford, 22.65; Somerville, 18.37; Salem, 16.56; Holyoke, ——; Chelsea, ——; Taunton, 10.80; Haverhill, 20.43; Gloucester, 6.99; Brockton, 2.28; Newton, 7.71; Malden, ——; Fitchburg, 19.74; Waltham, 13.60; Newburyport, 25.46; Northampton, 23.76.

The total death rate for the week was 17.66 against 17.43 and 18.79 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

## The Meteorological Record for the Week, in Boston, was as follows:

| Week ending Saturday, June 25, 1887. | BAROMETER. MEAN. | THERMOMETER. MEAN. | THERMOMETER. MAXIMUM. | THERMOMETER. MINIMUM. | RELATIVE HUMIDITY. 7 A. M. | RELATIVE HUMIDITY. 3 P. M. | RELATIVE HUMIDITY. 11 P. M. | DIRECTION OF WIND. MEAN. | DIRECTION OF WIND. 7 A. M. | DIRECTION OF WIND. 3 P. M. | DIRECTION OF WIND. 11 P. M. | VELOCITY OF WIND. 7 A. M. | VELOCITY OF WIND. 3 P. M. | VELOCITY OF WIND. 11 P. M. | STATE OF WEATHER.* 7 A. M. | STATE OF WEATHER.* 3 P. M. | STATE OF WEATHER.* 11 P. M. | RAIN-FALL. HOURS DURATION. | RAIN-FALL. AMOUNT IN INCHES. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| June. | | | | | | | | | | | | | | | | | | | |
| Sunday, 19, | 29.77 | 66.0 | 78.0 | 57.0 | 54 | 36 | 84 | 58.0 | W. | S. | S. W. | 10 | 14 | 10 | C. | F. | O. | | |
| Monday, 20, | 29.93 | 62.0 | 74.0 | 57.0 | 85 | 88 | 100 | 91.0 | S. W. | E. | E. | 9 | 16 | 8 | C. | C. | G. | | |
| Tuesday, 21, | 29.95 | 59.0 | 64.0 | 57.0 | 100 | 94 | 100 | 98.0 | E. | E. | S. E. | 12 | 13 | 5 | G. | O. | R. | 4 | † T. |
| Wednes'y, 22, | 29.81 | 68.0 | 76.0 | 58.0 | 96 | 83 | 94 | 91.0 | S. W. | S. E. | S. | 2 | 6 | 10 | G. | O. | R. | 6 | .11 |
| Thursday, 23, | 29.88 | 70.0 | 74.0 | 67.0 | 89 | 87 | 92 | 89.0 | S. | S. | S. | 19 | 14 | 11 | O. | O. | R. | 12 | .41 |
| Friday, 24, | 29.91 | 73.0 | 83.0 | 66.0 | 93 | 44 | 76 | 71.0 | S. | W. | S. W. | 14 | 14 | 14 | O. | O. | O. | 3 | .38 |
| Saturday, 25, | 30.14 | 69.0 | 76.0 | 64.0 | 62 | 41 | 59 | 54.0 | N. W. | N. W. | N. | 8 | 12 | 4 | O. | F. | C. | | |
| Week, - - | 29.913 | 66.7 | 75.0 | 61.0 | | | | 78.9 | | | | | | | | | | 25 | .90 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.
† T., Trace of rain-fall.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

July 4, 1867

PUBLISHED BY ORDER OF THE

STATE BOARD OF HEALTH.

STATE LIBRARY
— OF —
MASSACHUSETTS
MAY 27 1919

# MORTALITY OF MASSACHUSETTS

FOR THE WEEK ENDING JULY 2, 1887.

## Deaths reported to the State Board of Health in 17 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. |
| Boston, | 395,924 | 173 | 64 | 23 | 29 | 6 | 4 | 8 |
| Worcester, | 71,033 | .. | .. | .. | .. | .. | .. | .. |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 28 | 11 | 2 | 5 | 2 | .. | .. |
| Fall River, | 58,316 | 26 | 15 | 6 | 3 | 4 | 1 | 1 |
| Lynn, | 47,733 | 16 | 3 | 1 | 3 | 1 | .. | .. |
| Lawrence, | 39,299 | 19 | 5 | 3 | 1 | 1 | .. | .. |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 8 | 4 | 1 | .. | .. | .. | .. |
| Somerville, | 31,080 | 10 | 4 | 4 | 1 | 1 | .. | .. |
| Salem, | 28,320 | 17 | 8 | .. | 1 | .. | .. | .. |
| Holyoke, | 29,791 | 13 | .. | 5 | 1 | 4 | 1 | .. |
| Chelsea, | 25,770 | .. | .. | .. | .. | .. | .. | .. |
| Taunton, | 24,048 | .. | .. | .. | .. | .. | .. | .. |
| Haverhill, | 22,862 | .. | .. | .. | .. | .. | .. | .. |
| Gloucester, | 22,344 | 6 | 1 | 1 | .. | 1 | .. | .. |
| Brockton, | 22,787 | 5 | 1 | 1 | .. | 1 | .. | .. |
| Newton, | 20,207 | 6 | 3 | 1 | .. | .. | .. | 1 |
| Malden, | 17,247 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,760 | 5 | 0 | 1 | 1 | .. | .. | 1 |
| Waltham, | 15,290 | 2 | 0 | .. | 1 | .. | .. | .. |
| Newburyport, | 13,756 | 8 | 1 | .. | 1 | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 5 | 4 | 3 | 2 | .. | 1 | .. |
| Woburn, | 13,338 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | 6 | 3 | .. | 1 | .. | .. | .. |
| Attleborough, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 860,849 | 353 | 127 | 52 | 50 | 21 | 7 | 11 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 17 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Fifty-two deaths were reported from the principal infectious diseases: diarrhœal diseases, 21; measles, 11; diphtheria and croup, 7; whooping cough, 6; scarlet fever, 3; cerebro-spinal meningitis, 3; typhoid fever, 2.

No deaths were reported from small-pox and malarial fever.

There were 50 deaths from consumption; acute lung diseases, 12; still-births, 20.

From whooping cough: Boston, 4. Lawrence and Quincy, 1 each. From scarlet fever: Somerville, 2; Boston, 1. From cerebro-spinal meningitis: Boston, Somerville and Quincy, 1 each. From typhoid fever: Boston and Lawrence, 1 each.

Salem reports one death from malignant pustule.

Deaths from the principal infectious diseases numbered 52 against 45 for the preceding week.

Deaths under five years of age numbered 127 against 111 for the preceding week.

Cases reported in Boston: measles, 86; typhoid fever, 11; scarlet fever, 11; and diphtheria, 10.

Death rates for the week were: Boston, 22.71; Worcester, ——; Lowell, ——; Cambridge, 23.80; Fall River, 23.17; Lynn, 17.44; Lawrence, 22.44; Springfield, ——; New Bedford, 12.08; Somerville, 16.70; Salem, 31.28; Holyoke, 22.75; Chelsea, ——; Taunton, ——; Haverhill, ——; Gloucester, 13.98; Brockton, 11.40; Newton, 15.42; Malden, ——; Fitchburg, 16.45; Waltham, 6.80; Newburyport, 30.24; Northampton, ——.

The total death rate for the week was 21.30 against 17.66 and 17.44 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, July 2, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 11 P. M. | MEAN. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| June. | | | | | | | | | | | | | | | | | | | |
| Sunday, 26, | 30.23 | 66.0 | 75.0 | 59.0 | 65 | 60 | 61 | 62.0 | N. W. | E. | N. | 4 | 6 | 5 | F. | F. | C. | | |
| Monday, 27, | 30.26 | 66.0 | 73.0 | 58.0 | 63 | 51 | 73 | 62.0 | N. | S. E. | W. | 12 | 6 | 9 | C. | O. | C. | | |
| Tuesday, 28, | 30.23 | 70.0 | 79.0 | 59.0 | 65 | 52 | 72 | 63.0 | N. W. | S. E. | S. W. | 9 | 7 | 10 | F. | C. | C. | | |
| Wednes'y, 29, | 30.17 | 76.0 | 89.0 | 64.0 | 64 | 50 | 67 | 60.0 | W. | S. E. | W. | 6 | 4 | 12 | C. | C. | C. | | |
| Thnrsday, 30, | 30.11 | 79.0 | 87.0 | 68.0 | 67 | 41 | 55 | 54.0 | W. | E. | W. | 8 | 6 | 8 | C. | C. | C. | | |
| July. | | | | | | | | | | | | | | | | | | | |
| Friday, 1, | 30.04 | 82.0 | 93.0 | 71.0 | 59 | 42 | 73 | 58.0 | W. | W. | S. | 12 | 6 | 12 | C. | O. | C. | | |
| Saturday, 2, | 30.00 | 83.0 | 95.0 | 72.0 | 71 | 46 | 73 | 63.0 | W. | W. | W. | 8 | 18 | 13 | C. | F. | C. | | |
| Week, - - | 30.148 | 74.5 | 84.0 | 75.0 | | | | 60.3 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# MONTHLY MORTALITY

In the 34 smaller towns of Massachusetts as reported to the State Board of Health for the month of June.

The total death-rate of reporting towns for the month was 10.68.

| TOWNS. | Population. | Reported Deaths in each. | Deaths under five years of age. | Deaths from | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
| Brookline, | 9,648 | 5 | 0 | .. | .. | .. | .. | .. |
| Hyde Park, | 8,890 | 3 | 1 | .. | 1 | .. | .. | .. |
| Plymouth, | 7,297 | 8 | 0 | 1 | .. | .. | 1 | .. |
| Stoneham, | 5,967 | 5 | 0 | .. | 1 | .. | .. | .. |
| Andover, | 5,927 | 6 | 2 | .. | .. | .. | .. | .. |
| Middleborough, | 5,137 | 5 | 1 | .. | 1 | .. | .. | .. |
| Arlington, | 4,903 | 2 | 1 | 1 | 1 | .. | .. | .. |
| Winchester, | 4,706 | 3 | 0 | 1 | 2 | .. | .. | .. |
| West Springfield, | 4,568 | 4 | 1 | 1 | .. | 1 | .. | .. |
| Hingham, | 4,331 | 6 | 1 | .. | .. | .. | .. | .. |
| Amherst, | 4,159 | 1 | 0 | .. | 1 | .. | .. | .. |
| Braintree, | 4,114 | 5 | 2 | .. | .. | .. | .. | .. |
| Hudson, | 4,060 | 4 | 1 | .. | 1 | .. | .. | .. |
| Whitman, | 3,825 | 1 | 0 | .. | .. | .. | .. | .. |
| Leicester, | 2,981 | 2 | 0 | 1 | 1 | .. | .. | 1 |
| Nantucket, | 2,912 | 8 | 1 | 1 | 1 | 1 | .. | .. |
| Fairhaven, | 2,880 | 2 | 0 | .. | 2 | .. | .. | .. |
| Lexington, | 2,820 | 2 | 0 | .. | .. | .. | .. | .. |
| Wrentham, | 2,802 | 4 | 1 | .. | .. | .. | .. | .. |
| Ashland, | 2,729 | 1 | 0 | .. | .. | .. | .. | .. |
| Swampscott, | 2,459 | 4 | 0 | .. | .. | .. | .. | .. |
| Merrimac, | 2,434 | 1 | 0 | .. | 1 | .. | .. | .. |
| Cohasset, | 2,230 | 2 | 0 | .. | .. | .. | .. | .. |
| Ashburnham, | 2,210 | 4 | 1 | .. | 1 | .. | .. | .. |
| Dalton, | 2,137 | 3 | 0 | .. | 1 | .. | .. | .. |
| Groton, | 2,037 | 1 | 0 | .. | .. | .. | .. | .. |
| Longmeadow, | 1,787 | 2 | 0 | .. | 1 | .. | .. | .. |
| Norton, | 1,718 | 1 | 0 | .. | .. | .. | .. | .. |
| Shrewsbury, | 1,450 | 3 | 0 | .. | 1 | .. | .. | .. |
| Topsfield, | 1,141 | 1 | 0 | .. | 1 | .. | .. | .. |
| Enfield, | 1,010 | 1 | 0 | .. | .. | .. | .. | .. |
| Truro, | 972 | 1 | 0 | .. | 1 | .. | .. | .. |
| Rutland, | 963 | 2 | 0 | .. | .. | .. | .. | .. |
| Bolton, | 876 | 2 | 0 | .. | .. | .. | .. | .. |
| Total of reporting towns, | 118,078 | 105 | 13 | 6 | 19 | 2 | 1 | 1 |

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

July 5 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
JUL 15 1887

# MORTALITY OF MASSACHUSETTS

FOR THE WEEK ENDING JULY 9, 1887.

## Deaths reported to the State Board of Health in 19 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10.000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. |
| Boston, | 395,924 | 263 | 107 | 60 | 31 | 375 | 3 | 9 |
| Worcester, | 71,033 | 34 | 23 | 17 | 1 | 15 | .. | .. |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 27 | 15 | 8 | 3 | 6 | .. | 2 |
| Fall River, | 58,316 | 39 | 25 | 18 | 4 | 16 | .. | .. |
| Lynn, | 47,733 | 14 | 7 | 2 | 1 | 2 | .. | .. |
| Lawrence, | 39,299 | 21 | 12 | 6 | 2 | 6 | .. | .. |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 11 | 8 | 6 | .. | 2 | 1 | 1 |
| Somerville, | 31,080 | 24 | 11 | 6 | 2 | 6 | .. | .. |
| Salem, | 28,320 | .. | .. | .. | .. | .. | .. | .. |
| Holyoke, | 29,791 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,770 | .. | .. | .. | .. | .. | .. | .. |
| Taunton, | 24,048 | 6 | 0 | .. | .. | .. | .. | .. |
| Haverhill, | 22,862 | 12 | 5 | .. | 4 | .. | .. | .. |
| Gloucester, | 22,344 | 8 | 0 | .. | 1 | .. | .. | .. |
| Brockton, | 22,787 | 3 | 2 | 2 | .. | .. | .. | .. |
| Newton, | 20,207 | 4 | 2 | 2 | .. | 2 | .. | .. |
| Malden, | 17,247 | 10 | 4 | 1 | 2 | .. | .. | 1 |
| Fitchburg, | 15,760 | 6 | 1 | .. | .. | .. | .. | .. |
| Waltham, | 15,290 | 3 | 1 | 1 | 1 | .. | 1 | .. |
| Newburyport, | 13,756 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 2 | 1 | 1 | .. | 1 | .. | .. |
| Woburn, | 13,338 | 6 | 4 | 1 | 1 | 1 | .. | .. |
| Chicopee, | 11,976 | 5 | 1 | 1 | 2 | 1 | .. | .. |
| Attleborough, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infections Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 937,510 | 498 | 229 | 132 | 55 | 95 | 5 | 13 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 19 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

One hundred and thirty-two deaths were reported from the principal infectious diseases: diarrhœal diseases, 95; measles, 13; diphtheria and croup, 5; cerebro-spinal meningitis, 9; whooping cough, 5; typhoid fever, 4; erysipelas, 1.

No deaths were reported from small-pox, malarial fever and scarlet fever.

There were 55 deaths from consumption; lung diseases, 28; still-births, 18.

From cerebro-spinal meningitis: Boston, 3; New Bedford and Brockton, 2 each; Worcester and Fall River, 1 each. From whooping cough: Boston, 4; Fall River, 1. From typhoid fever: Boston, 4. From erysipelas, Worcester, 1.

Deaths from the principal infectious diseases numbered 132 against 52 for the preceding week.

Deaths under five years of age numbered 229 against 127 for the preceding week.

Cases reported in Boston: measles, 87; diphtheria, 17; typhoid fever, 9; scarlet fever, 7.

Death rates for the week were: Boston, 34.53; Worcester, 24.82; Lowell, ——; Cambridge, 22.95; Fall River, 34.75; Lynn, 15.18; Lawrence, 27.72; Springfield, ——; New Bedford, 16.61; Somerville, 40.08; Salem, ——; Holyoke, ——; Chelsea, ——; Taunton, 12.96; Haverhill, 22.24; Gloucester, 18.64; Brockton, 6.84; Newton, 10.28; Malden, 30.11; Fitchburg, 19.74; Waltham, 10.20; Newburyport, ——; Northampton, ——.

The total death rate for the week was 27.12 against 21.77 and 20.50 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, July 9, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| July. | | | | | | | | | | | | | | | | | | | |
| Sunday, 3, | 30.07 | 76.0 | 88.0 | 71.0 | 73 | 78 | 78 | 76.0 | W. | E. | S. | 10 | 15 | 12 | C. | F. | F. | | |
| Monday, 4, | 30.15 | 78.0 | 88.0 | 70.0 | 78 | 51 | 77 | 69.0 | W. | S. W. | S. W. | 6 | 24 | 17 | C. | F. | C. | | |
| Tuesday, 5, | 30.16 | 76.0 | 85.0 | 70.0 | 74 | 61 | 84 | 73.0 | S. W. | S. | S. | 12 | 12 | 10 | O. | O. | F. | | |
| Wednes'y, 6, | 29.95 | 76.0 | 83.0 | 72.0 | 86 | 72 | 86 | 81.0 | S. | S. W. | S. | 15 | 18 | 10 | O. | O. | O. | | |
| Thursday, 7, | 29.83 | 79.0 | 88.0 | 72.0 | 82 | 45 | 63 | 63.0 | S. W. | W. | S. W. | 13 | 18 | 10 | F. | F. | C. | | |
| Friday, 8, | 29.85 | 73.0 | 82.0 | 67.0 | 66 | 77 | 74 | 72.0 | W. | E. | S. | 6 | 10 | 4 | C. | C. | C. | | |
| Saturday, 9, | 29.81 | 73.0 | 83.0 | 66.0 | 90 | 52 | 86 | 76.0 | S. | S. | S. | 4 | 22 | 8 | F. | O. | T. | $\frac{1}{2}$hr. | .01 |
| Week, - - | 29.974 | 75.9 | 85.0 | 80.0 | | | | 72.9 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY
OF
MASSACHUSETTS
MAY 27 1919

# MORTALITY OF MASSACHUSETTS

FOR THE WEEK ENDING JULY 16, 1887.

## Deaths reported to the State Board of Health in 21 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
| Boston, | 395,924 | 211 | 111 | 77 | 27 | 61 | 3 | 3 |
| Worcester, | 71,033 | 36 | 16 | 12 | 10 | 10 | .. | 1 |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 43 | 25 | 19 | 3 | 18 | .. | 1 |
| Fall River, | 58,316 | 47 | 35 | 28 | 3 | 26 | 1 | 1 |
| Lynn, | 47,733 | 16 | 7 | 5 | 2 | 4 | 1 | .. |
| Lawrence, | 39,299 | 20 | 11 | 7 | 1 | 6 | .. | .. |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 14 | 6 | 2 | 3 | 2 | .. | .. |
| Somerville, | 31,080 | 18 | 8 | 8 | 3 | 8 | .. | .. |
| Salem, | 28,320 | 16 | 6 | 5 | 2 | 4 | .. | .. |
| Holyoke, | 29,791 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,770 | 11 | 3 | 3 | 1 | 3 | .. | .. |
| Taunton, | 24,048 | 6 | 2 | 1 | 1 | 1 | .. | .. |
| Haverhill, | 22,862 | 17 | 9 | 8 | 2 | 7 | .. | 1 |
| Gloucester, | 22,344 | 3 | 1 | .. | 1 | .. | .. | .. |
| Brockton, | 22,787 | 3 | 0 | 1 | 2 | .. | .. | .. |
| Newton, | 20,207 | .. | .. | .. | .. | .. | .. | .. |
| Malden, | 17,247 | 3 | 2 | .. | .. | .. | .. | .. |
| Fitchburg, | 15,760 | 10 | 4 | 1 | 2 | 1 | .. | .. |
| Waltham, | 15,290 | 3 | 2 | 2 | .. | 2 | .. | .. |
| Newburyport, | 13,756 | 8 | 0 | .. | 2 | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 4 | 0 | 2 | 1 | .. | 1 | .. |
| Woburn, | 13,338 | 5 | 2 | 1 | .. | .. | .. | .. |
| Chicopee, | 11,976 | 5 | 3 | 4 | 1 | 3 | .. | 1 |
| Attleborough, | 11,750 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 983,525 | 499 | 253 | 186 | 67 | 156 | 6 | 8 |

# REPORTED DEATHS FROM PREVALENT DISEASES IN THE 21 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

One hundred and eighty-six deaths were reported from the principal infectious diseases: diarrhœal diseases, 156; diphtheria and croup, 8; typhoid fever, 6; whooping cough, 6; scarlet fever, 5; cerebro-spinal meningitis, 2; malarial fever, 1; measles, 2.

No deaths were reported from small-pox and puerperal fever.

There were 67 deaths from consumption; acute lung diseases, 24; still-births, 18.

From whooping cough: Boston, 5; Woburn, 1. From scarlet fever: Boston, Worcester, Lawrence, Salem and Quincy, 1 each. From cerebro-spinal meningitis: Boston and Brockton, 1 each. From malarial fever: Boston, 1. From measles: Boston, 2.

Deaths from the principal infectious diseases numbered 186 against 132 for the preceding week.

Deaths under five years of age numbered 253 against 229 for the preceding week.

Cases reported in Boston: measles, 71; diphtheria, 14; typhoid fever, 8; scarlet fever, 6.

Death rates for the week were: Boston, 27.70; Worcester, 26.28; Lowell, ——; Cambridge, 36.55; Fall River, 41.88; Lynn, 17.44; Lawrence, 26.40; Springfield, ——; New Bedford, 21.14; Somerville, 30.06; Salem, 29.44; Holyoke, ——; Chelsea, 22.11; Taunton, 12.96; Haverhill, 38.59; Gloucester, 6.99; Brockton, 6.84; Newton, 12.85; Malden, 9.03; Fitchburg, 32.90; Waltham, 10.20; Newburyport, 30.24; Northampton, ——.

The total death rate for the week was 26.37 against 27.12 and 21.77 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, July 16, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | 7 A. M. | 3 P. M. | 11 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| July. | | | | | | | | | | | | | | | | | | | |
| Sunday, 10, | 29.59 | 67.0 | 86.0 | 61.0 | 97 | 80 | 87 | 88.0 | S. | S. | W. | 5 | 7 | 10 | O. | F. | F. | $1\frac{3}{4}$ | .77 |
| Monday, 11, | 29.72 | 69.0 | 75.0 | 63.0 | 88 | 72 | 87 | 82.0 | W. | N. W. | N. | 11 | 18 | 5 | O. | O. | O. | 10 | .34 |
| Tuesday, 12, | 29.97 | 67.0 | 71.0 | 63.0 | 85 | 78 | 88 | 84.0 | N. E. | E. | S. | 4 | 8 | 5 | O. | C. | C. | 2 | .02 |
| Wednes'y, 13, | 29.85 | 80.0 | 92.0 | 66.0 | 77 | 41 | 70 | 63.0 | S. | N. W. | W. | 10 | 11 | 10 | O. | C. | C. | | |
| Thursday, 14, | 29.95 | 73.0 | 81.0 | 69.0 | 45 | 34 | 51 | 43.0 | N. | W. | W. | 16 | 15 | 12 | F. | C. | C. | | |
| Friday, 15, | 29.98 | 70.0 | 78.0 | 63.0 | 41 | 31 | 68 | 47.0 | N. W. | N. | W. | 24 | 16 | 8 | F. | F. | C. | | |
| Saturday, 16, | 29.87 | 72.0 | 80.0 | 64.0 | 72 | 62 | 84 | 73.0 | W. | S. W. | S. | 6 | 12 | 5 | O. | F. | C. | 1 | .02 |
| Week, - - | 29.847 | 71.1 | 80.0 | 64.0 | | | | 68.6 | | | | | | | | | | $14\frac{3}{4}$ | 1.15 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING JULY 23, 1887.

### Deaths reported to the State Board of Health in 20 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Whooping Cough. | Measles. |
| Boston, | 395,924 | 236 | 133 | 89 | 23 | 73 | 6 | 4 |
| Worcester, | 71,033 | 29 | 15 | 12 | 2 | 12 | .. | .. |
| Lowell, | 65,967 | 37 | 21 | 17 | 1 | 12 | .. | 1 |
| Cambridge, | 61,132 | 26 | 17 | 13 | 2 | 13 | .. | .. |
| Fall River, | 58,316 | 52 | 35 | 29 | 5 | 29 | .. | .. |
| Lynn, | 47,733 | 24 | 10 | 7 | 9 | 7 | .. | .. |
| Lawrence, | 39,299 | 20 | 9 | 2 | 4 | 2 | .. | .. |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 25 | 15 | 5 | 3 | 4 | .. | 1 |
| Somerville, | 31,080 | 14 | 8 | 9 | .. | 7 | .. | .. |
| Salem, | 28,320 | 13 | 6 | 4 | .. | 4 | .. | .. |
| Holyoke, | 29,791 | 10 | 8 | 7 | 1 | 6 | .. | .. |
| Chelsea, | 25,770 | 13 | 10 | 8 | .. | 8 | .. | .. |
| Taunton, | 24,048 | 5 | 3 | 2 | 1 | 1 | .. | .. |
| Haverhill, | 22,862 | 4 | 1 | .. | 2 | .. | .. | .. |
| Gloucester, | 22,344 | 9 | 3 | 2 | 1 | 2 | .. | .. |
| Brockton, | 22,787 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 20,207 | 4 | 1 | 1 | 1 | 1 | .. | .. |
| Malden, | 17,247 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,760 | 6 | 0 | .. | .. | .. | .. | .. |
| Waltham, | 15,290 | 6 | 2 | 2 | .. | 2 | .. | .. |
| Newburyport, | 13,756 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 8 | 4 | 2 | 1 | 2 | .. | .. |
| Woburn, | 13,338 | 4 | 4 | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,034,088 | 545 | 305 | 211 | 56 | 185 | 6 | 6 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 20 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Two hundred and eleven deaths were reported from the principal infectious diseases: diarrhœal diseases, 185; whooping cough, 6; measles, 6; cerebro-spinal meningitis, 5; diphtheria and croup, 5; typhoid fever, 4.

No deaths were reported from small-pox and malarial fevers.

There were 56 deaths from consumption; lung diseases, 18; still-births, 29.

From cerebro-spinal meningitis: Lowell, 2. Somerville, Holyoke and Taunton, 1 each. From diphtheria and croup, Boston, 4; Lowell, 1. From typhoid fever: Boston, 2; Lowell and Somerville, 1 each.

Deaths from the principal infectious diseases numbered 211 against 186 for the preceding week.

Deaths under five years of age numbered 305 against 253 for the preceding week.

Cases reported in Boston: measles, 50; typhoid fever, 19; diphtheria, 15; scarlet fever, 7.

Death rates for the week were: Boston, 30.98; Worcester, 21.17; Lowell, 29.23; Cambridge, 22.10; Fall River, 46.33; Lynn, 26.16; Lawrence, 26.40; Springfield, ——; New Bedford, 37.75; Somerville, 23.38; Salem, 23.92; Holyoke, 17.50; Chelsea, 26.13; Taunton, 10.80; Haverhill, 9.08; Gloucester, 20.97; Brockton, ——; Newton, 10.28; Malden, ——; Fitchburg, 19.74; Waltham, 20.40; Newburyport, ——; Northampton, ——.

The total death rate for the week was 27.41 against 26.37 and 27.12 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, July 23, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| July. | | | | | | | | | | | | | | | | | | | |
| Sunday, 17, | 29.85 | 70.0 | 74.0 | 66.0 | 86 | 86 | 88 | 87.0 | N. E. | S. E. | S. E. | 5 | 13 | 3 | O. | O. | O. | 5 | .06 |
| Monday, 18, | 29.89 | 66.0 | 70.0 | 63.0 | 90 | 97 | 85 | 91.0 | S. | E. | N. E. | 7 | 18 | 6 | O. | O. | O. | 7 | .04 |
| Tuesday, 19, | 30.11 | 67.0 | 73.0 | 62.0 | 76 | 88 | 92 | 85.0 | N. E. | E. | S. E. | 4 | 8 | 3 | O. | O. | O. | | |
| Wednes'y, 20, | 30.16 | 67.0 | 73.0 | 64.0 | 85 | 76 | 80 | 80.0 | S. | E. | S. W. | 4 | 9 | 10 | O. | C. | C. | | |
| Thursday, 21, | 30.08 | 66.0 | 73.0 | 61.0 | 84 | 76 | 85 | 82.0 | S. W. | E. | S. | 6 | 12 | 12 | O. | O. | T. | | |
| Friday, 22, | 29.92 | 69.0 | 76.0 | 65.0 | 90 | 98 | 88 | 92.0 | S. E. | S. | S. | 7 | 11 | 10 | R. | O. | C. | 6 | 1.07 |
| Saturday, 23, | 30.00 | 75.0 | 81.0 | 71.0 | 93 | 85 | 95 | 91.0 | S. W. | S. W. | S. | 12 | 14 | 8 | O. | O. | O. | 10 | .85 |
| Week, - - | 30.001 | 68.6 | 74.0 | 65.0 | | | | 88.3 | | | | | | | | | | 28 | 2.02 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
AUG 3. 1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING JULY 30, 1887.

### Deaths reported to the State Board of Health in 23 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week; but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Cerebro-Spinal Meningitis. | Measles. |
| Boston, | 395,924 | 289 | 149 | 112 | 33 | 97 | .. | 8 |
| Worcester, | 71,033 | 22 | 11 | 9 | 2 | 8 | .. | .. |
| Lowell, | 65,967 | 45 | 29 | 24 | 1 | 19 | 1 | 1 |
| Cambridge, | 61,132 | 39 | 24 | 21 | 3 | 19 | .. | .. |
| Fall River, | 58,316 | 51 | 35 | 31 | 2 | 27 | 3 | .. |
| Lynn, | 47,733 | 25 | 14 | 8 | 2 | 8 | .. | .. |
| Lawrence, | 39,299 | 17 | 12 | 6 | .. | 6 | .. | .. |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 27 | 19 | 12 | 2 | 12 | .. | .. |
| Somerville, | 31,080 | 12 | 6 | 8 | 1 | 5 | 3 | .. |
| Salem, | 28,320 | 19 | 10 | 9 | 1 | 9 | .. | .. |
| Holyoke, | 29,791 | 19 | 7 | 8 | 1 | 8 | .. | .. |
| Chelsea, | 25,770 | .. | .. | .. | .. | .. | .. | .. |
| Taunton, | 24,048 | 18 | 9 | 6 | .. | 6 | .. | .. |
| Haverhill, | 22,862 | 13 | 8 | 7 | 2 | 5 | 1 | .. |
| Gloucester, | 22,344 | 9 | 7 | 6 | .. | 4 | .. | .. |
| Brockton, | 22,787 | 7 | 3 | .. | 3 | .. | .. | .. |
| Newton, | 20,207 | 12 | 9 | 6 | 1 | 4 | .. | 1 |
| Malden, | 17,247 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,760 | 9 | 4 | 4 | 1 | 3 | .. | .. |
| Waltham, | 15,290 | 6 | 3 | 3 | .. | 3 | .. | .. |
| Newburyport, | 13,756 | 9 | 5 | 4 | 1 | 4 | .. | .. |
| Northampton, | 13,103 | 5 | 1 | 1 | 2 | 1 | .. | .. |
| Quincy, | 12,775 | 4 | 2 | 3 | 1 | 2 | .. | .. |
| Woburn, | 13,338 | 9 | 7 | 5 | .. | 5 | .. | .. |
| Chicopee, | 11,976 | 10 | 8 | 10 | .. | 8 | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Cerebro-Spinal Meningitis. | Measles. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,069,576 | 676 | 382 | 303 | 59 | 263 | 8 | 10 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Three hundred and three deaths were reported from the principal infectious diseases: diarrhœal diseases, 263; measles, 10; typhoid fever, 9; cerebro-spinal meningitis, 8; diphtheria and croup, 7; whooping cough, 3; scarlet fever, 2; erysipelas, 1.

No deaths were reported from small-pox and malarial fevers.

There were 59 deaths from consumption; lung diseases, 16; still-births, 15.

From typhoid fever: Boston and Chicopee, 2 each; Worcester, Lowell, Haverhill, Newton and Fitchburg, 1 each. From diphtheria and croup: Boston, Cambridge and Gloucester, 2 each; Lowell, 1. From whooping cough: Boston, Fall River and Quincy, 1 each. From scarlet fever: Boston and Lowell, 1 each. From erysipelas: Boston, 1.

Deaths from the principal infectious diseases numbered 303 against 211 for the preceding week.

Deaths under five years of age numbered 382 against 305 for the preceding week.

Cases reported in Boston: measles, 18; scarlet fever, 8; typhoid fever, 6; and diphtheria, 5.

Death rates for the week were: Boston, 37.94; Worcester, 16.06; Lowell, 35.55; Cambridge, 33.15; Fall River, 45.39; Lynn, 27.25; Lawrence, 22.44; Springfield, 20.04; New Bedford, 40.77; Somerville, ——; Salem, 34.96; Holyoke, 33.25; Chelsea, ——; Taunton, 38.64; Haverhill, 29.51; Gloucester, 20.97; Brockton, 15.96; Newton, 30.84; Malden, ——; Fitchburg, 29.61; Waltham, 20.40; Newburyport, 34.02; Northampton, 19.80.

The total death rate for the week was 32.86 against 27.41 and 26.37 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, July 30, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| July. | | | | | | | | | | | | | | | | | | | |
| Sunday, 24, | 30.13 | 78.0 | 84.0 | 71.0 | 93 | 69 | 91 | 84.0 | S. W. | S. | S. | 12 | 12 | 12 | O. | F. | C. | 1 | .16 |
| Monday, 25, | 30.10 | 79.0 | 87.0 | 74.0 | 85 | 57 | 84 | 75.0 | S. W. | S. W. | S. W. | 8 | 10 | 8 | O. | F. | C. | | |
| Tuesday, 26, | 30.00 | 72.0 | 84.0 | 68.0 | 86 | 78 | 93 | 86.0 | S. W. | S. E. | E. | 5 | 8 | 2 | C. | F. | F. | | |
| Wednes'y, 27, | 29.99 | 68.0 | 78.0 | 62.0 | 91 | 86 | 95 | 91.0 | N. | S. E. | E. | 5 | 6 | 2 | O. | C. | C. | | |
| Thursday, 28, | 29.94 | 74.0 | 85.0 | 63.0 | 93 | 85 | 86 | 88.0 | S. W. | S. E. | S. W. | 6 | 5 | 10 | G. | C. | C. | | |
| Friday, 29, | 29.98 | 76.0 | 88.0 | 68.0 | 84 | 80 | 88 | 84.0 | W. | W. | S. W. | 8 | 9 | 3 | O. | O. | C. | $3\frac{1}{2}$ | .31 |
| Saturday, 30, | 29.99 | 74.0 | 82.0 | 65.0 | 98 | 73 | 87 | 86.0 | S. | E. | S. W. | 3 | 10 | 10 | G. | F. | C. | | |
| Week. - - | 30.02 | 74.4 | 84.0 | 67.0 | 90.0 | 75.4 | 89.1 | | | | | | | | | | | $4\frac{1}{2}$ | .41 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Aug 6, 1887

PUBLISHED BY ORDER OF THE

STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
AUG 15 1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING AUGUST 6, 1887.

### Deaths reported to the State Board of Health in 20 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Cerebro-Spinal Meningitis. | Measles. |
| Boston, | 395,924 | 260 | 150 | 105 | 24 | 93 | 1 | 5 |
| Worcester, | 71,033 | 23 | 16 | 8 | 1 | 7 | 1 | .. |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | .. | .. | .. | .. | .. | .. | .. |
| Fall River, | 58,316 | 57 | 43 | 35 | 2 | 30 | 3 | .. |
| Lynn, | 47,733 | 22 | 15 | 10 | 2 | 8 | 1 | 1 |
| Lawrence, | 39,299 | 16 | 8 | 5 | 1 | 5 | .. | .. |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 23 | 18 | 11 | 1 | 11 | .. | .. |
| Somerville, | 31,080 | 17 | 10 | 7 | 1 | 7 | .. | .. |
| Salem, | 28,320 | 19 | 8 | 6 | 2 | 4 | .. | 2 |
| Holyoke, | 29,791 | 11 | 7 | 4 | 1 | 4 | .. | .. |
| Chelsea, | 25,770 | 17 | 11 | 9 | 1 | 9 | .. | .. |
| Taunton, | 24,048 | 10 | 6 | 3 | .. | 3 | .. | .. |
| Haverhill, | 22,862 | 14 | 8 | 7 | 1 | 5 | .. | 2 |
| Gloucester, | 22,344 | 10 | 6 | .. | 1 | .. | .. | .. |
| Brockton, | 22,787 | 3 | 0 | .. | 1 | .. | .. | .. |
| Newton, | 20,207 | 12 | 2 | 4 | 1 | 4 | .. | .. |
| Malden, | 17,247 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,760 | .. | .. | .. | .. | .. | .. | .. |
| Waltham, | 15,290 | 4 | 2 | 1 | 1 | 1 | .. | .. |
| Newburyport, | 13,756 | 7 | 4 | 4 | .. | 4 | .. | .. |
| Northampton, | 13,103 | 9 | 6 | 5 | .. | 4 | 1 | .. |
| Quincy, | 12,775 | 3 | 2 | 2 | .. | 2 | .. | .. |
| Woburn, | 13,338 | 6 | 4 | 1 | .. | 1 | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Marlborough. | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diptheria and Croup. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 940,875 | 543 | 326 | 227 | 41 | 202 | 7 | 10 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 20 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Three hundred and twenty-six deaths were reported from the principal infectious diseases: diarrhœal diseases, 202; diphtheria and croup, 10; typhoid fever, 7; whooping cough, 3; scarlet fever, 2; cerebro-spinal meningitis, 2; measles, 1.

No deaths were reported from small-pox, malarial fevers and puerperal fevers.

There were 41 deaths from consumption; lung diseases, 11; still-births, 14.

From whooping cough: Boston, 3. From scarlet fever: Boston, 2. From cerebro-spinal meningitis: Boston and Fall River, 1 each.

Deaths from the principal infectious diseases numbered 326 against 303 for the preceding week.

Deaths under five years of age numbered 227 against 382 for the preceding week.

Cases reported in Boston: measles, 38; typhoid fever, 17; scarlet fever, 6; and diphtheria, 5.

Death rates for the week were: Boston, 34.14; Worcester, 16.79; Lowell, ——; Cambridge, ——; Fall River, 50.78; Lynn, 23.98; Lawrence, 21.12; Springfield, ——; New Bedford, 33.73; Somerville, 28.39; Salem, 34.96; Holyoke, 19.25, Chelsea, 34.17; Taunton, 21.60; Haverhill, 31.78; Gloucester, 23.30; Brockton, 6.84; Newton, 30.84; Malden, ——; Fitchburg, ——; Waltham, 13.60; Newburyport, 25.46; Northampton, 35.84.

The total death rate for the week was 30.01 against 32.86 and 27.41 for the previous two weeks.

(SIGNED) S. W. ABBOTT, *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Aug. 6, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| July. Sunday, 31, | 29.87 | 78.0 | 88.0 | 75.0 | 83 | 68 | 68 | 73.0 | S. W. | S. W. | W. | 9 | 12 | 12 | F. | O. | O. | | |
| August. Monday, 1, | 29.92 | 74.0 | 80.0 | 70.0 | 82 | 59 | 82 | 74.0 | W. | E. | S. E. | 4 | 9 | 5 | C. | C. | C. | | |
| Tuesday, 2, | 29.96 | 68.0 | 73.0 | 66.0 | 95 | 90 | 98 | 94.0 | N. E. | E. | S. E. | 4 | 10 | 3 | R. | O. | G. | 12 | .35 |
| Wednes'y, 3, | 30.11 | 68.0 | 71.0 | 65.0 | 90 | 81 | 92 | 88.0 | N. E. | E. | S. E. | 4 | 7 | 3 | O. | C. | C. | | |
| Thursday, 4, | 30.18 | 68.0 | 72.0 | 64.0 | 87 | 83 | 88 | 86.0 | S. E. | S. E. | S. | 4 | 6 | 8 | O. | F. | C. | | |
| Friday, 5, | 30.02 | 72.0 | 81.0 | 63.0 | 90 | 64 | 88 | 81.0 | S. W. | S. | S. | 7 | 12 | 7 | O. | O. | O. | 3 | *T |
| Saturday, 6, | 29.77 | 74.0 | 85.0 | 70.0 | 89 | 91 | 86 | 89.0 | S. | W. | N. | 12 | 11 | 8 | O. | R. | F. | $3\frac{1}{2}$ | .16 |
| Week, - - | 29.976 | 71.7 | 79.0 | 67.0 | | | | 83.6 | | | | | | | | | | $18\frac{1}{2}$ | .51 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; * T, trace of rainfall.

# MONTHLY MORTALITY

## In the 37 smaller towns of Massachusetts as reported to the State Board of Health for the month of July.

The total death-rate of reporting towns for the month was 14.88.

| TOWNS. | Population. | Reported Deaths in each. | Deaths under five years of age. | Deaths from | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Scarlet Fever. |
| Brookline, | 9,648 | 14 | 3 | .. | 2 | .. | .. | .. |
| Hyde Park, | 8,890 | 3 | 0 | 1 | .. | 1 | .. | .. |
| Plymouth, | 7,297 | 2 | 0 | .. | .. | .. | .. | .. |
| Wakefield, | 6,182 | 1 | 0 | .. | .. | .. | .. | .. |
| Stoneham, | 5,967 | 7 | 2 | .. | .. | .. | .. | .. |
| Andover, | 5,927 | 6 | 1 | .. | 1 | .. | .. | .. |
| Middleborough, | 5,137 | 14 | 2 | 1 | 1 | 1 | .. | .. |
| Winchester, | 4,706 | 5 | 3 | 3 | 1 | 2 | .. | 1 |
| West Springfield, | 4,568 | 10 | 8 | 5 | 1 | 5 | .. | .. |
| Hingham, | 4,331 | 3 | 0 | .. | 2 | .. | .. | .. |
| Amherst, | 4,159 | 6 | 1 | .. | 1 | .. | .. | .. |
| Braintree, | 4,114 | 7 | 3 | 2 | .. | 2 | .. | .. |
| Whitman, | 3,825 | 3 | 0 | .. | 2 | .. | .. | .. |
| Mansfield, | 3,009 | 4 | 0 | 1 | 1 | .. | .. | .. |
| Leicester, | 2,981 | 4 | 0 | .. | 1 | .. | .. | .. |
| Nantucket, | 2,912 | 7 | 0 | .. | .. | .. | .. | .. |
| Fairhaven, | 2,880 | 2 | 0 | .. | 1 | .. | .. | .. |
| Lexington, | 2,820 | 4 | 0 | 2 | .. | 2 | .. | .. |
| Ashland, | 2,729 | 1 | 1 | .. | .. | .. | .. | .. |
| Swampscott, | 2,459 | 7 | 3 | 1 | .. | 1 | .. | .. |
| Merrimac, | 2,454 | 2 | 1 | .. | .. | .. | .. | .. |
| Cohasset, | 2,230 | 5 | 1 | 1 | .. | 1 | .. | .. |
| Ashburnham, | 2,210 | 2 | 0 | .. | .. | .. | .. | .. |
| Dalton, | 2,137 | 2 | 0 | 1 | .. | .. | 1 | .. |
| Groton, | 2,037 | 2 | 0 | 1 | .. | 1 | .. | .. |
| Longmeadow, | 1,787 | 4 | 1 | 2 | .. | 2 | .. | .. |
| Norton, | 1,718 | 4 | 0 | .. | 1 | .. | .. | .. |
| Topsfield, | 1,141 | 2 | 0 | .. | 2 | .. | .. | .. |
| Enfield, | 1,010 | 4 | 0 | .. | .. | .. | .. | .. |
| Truro, | 972 | 1 | 1 | .. | .. | .. | .. | .. |
| Rutland, | 963 | 1 | 0 | .. | .. | .. | .. | .. |
| Bolton, | 876 | .. | .. | .. | .. | .. | .. | .. |
| Hopkinton, | 3,922 | 4 | 0 | 2 | .. | 2 | .. | .. |
| Randolph, | 3,807 | 5 | 0 | .. | 2 | .. | .. | .. |
| Concord, | 3,727 | 6 | 2 | .. | .. | .. | .. | .. |
| Bradford, | 3,292 | 2 | 0 | 1 | .. | 1 | .. | .. |
| Conway, | 1,573 | 1 | 0 | .. | 1 | .. | .. | .. |
| Burlington, | 604 | 2 | 1 | 1 | .. | 1 | .. | .. |
| Total of reporting towns, | 131,001 | 159 | 34 | 25 | 20 | 23 | 1 | 1 |

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Aug 13, 1887

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
AUG 22 1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING AUGUST 13, 1887.

### Deaths reported to the State Board of Health in 23 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Whooping Cough. |
| Boston, | 395,924 | 237 | 131 | 88 | 20 | 72 | 6 | 9 |
| Worcester, | 71,033 | 25 | 7 | 6 | 4 | 3 | 1 | .. |
| Lowell, | 65,967 | 44 | 25 | 21 | 2 | 19 | 2 | .. |
| Cambridge, | 61,132 | 30 | 16 | 9 | 2 | 6 | 1 | .. |
| Fall River, | 58,316 | 38 | 25 | 23 | 4 | 19 | 2 | .. |
| Lynn, | 47,733 | 27 | 15 | 6 | 3 | 4 | 1 | .. |
| Lawrence, | 39,299 | 14 | 6 | 5 | 1 | 5 | .. | .. |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 19 | 14 | 8 | .. | 8 | .. | .. |
| Somerville, | 31,080 | 16 | 5 | 2 | 4 | 1 | .. | .. |
| Salem, | 28,320 | 18 | 10 | 6 | 1 | 6 | .. | .. |
| Holyoke, | 29,791 | 13 | 6 | 9 | 1 | 7 | .. | .. |
| Chelsea, | 25,770 | 10 | 7 | 1 | 2 | 1 | .. | .. |
| Taunton, | 24,048 | 14 | 3 | 5 | 2 | 4 | 1 | .. |
| Haverhill, | 22,862 | 14 | 7 | 4 | 4 | 4 | .. | .. |
| Gloucester, | 22,344 | 10 | 6 | 2 | 1 | 2 | .. | .. |
| Brockton, | 22,787 | 8 | 3 | .. | 2 | .. | .. | .. |
| Newton, | 20,207 | 4 | 4 | 3 | .. | 3 | .. | .. |
| Malden, | 17,247 | 5 | 2 | 2 | .. | 2 | .. | .. |
| Fitchburg, | 15,760 | .. | .. | .. | .. | .. | .. | .. |
| Waltham, | 15,290 | 5 | 2 | 2 | 1 | 2 | .. | .. |
| Newburyport, | 13,756 | 4 | 1 | 1 | .. | 1 | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 9 | 4 | 5 | 2 | 3 | 2 | .. |
| Woburn, | 13,338 | 8 | 4 | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | 8 | 3 | 3 | 1 | 2 | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Whooping Cough |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,083,730 | 580 | 306 | 211 | 57 | 174 | 16 | 9 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Two hundred and eleven deaths were reported from the principal infections diseases: diarrhœal diseases, 174; typhoid fever, 16; whooping cough, 9; diphtheria and croup, 6; cerebro-spinal meningitis, 5; scarlet fever, 1.

No deaths were reported from small-pox, malarial fevers andpuerperal fever.

There were 57 deaths from consumption; lung diseases, 22; still-births, 20.

From cerebro-spinal meningitis: Worcester, 2; Cambridge, Somerville and Chicopee, 1 each. From diphtheria and croup: Fall River and Holyoke, 2 each; Boston and Cambridge, 1 each. From scarlet fever: Lynn, 1.

Deaths from the principal infections diseases numbered 211 against 326 for the preceding week.

Deaths under five years of age numbered 306 against 227 for the preceding week.

Cases reported in Boston: typhoid fever, 26; scarlet fever, 12; measles, 10; and diphtheria, 8.

The death rates for the week were: Boston, 30.12; Worcester, 18.25; Lowell, 34.76; Cambridge, 25.50; Fall River, 33.86; Lynn, 29.43; Lawrence, 14.52; Springfield, ——; New Bedford, 28.69; Somerville, 26.72; Salem, 33.12; Holyoke, 22.75; Chelsea, 20.10; Taunton, 30.24; Haverhill, 31.78; Gloucester, 23.30; Brockton, 18.24; Newton, 10.28; Malden, 15.05; Fitchburg, ——; Waltham, ——; Newburyport, ——; Northampton, ——.

The total death rate for the week was 27.83 against 30.01 and 32.86 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Aug. 6, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| August. | | | | | | | | | | | | | | | | | | | |
| Sunday, 7, | 30.00 | 66.0 | 73.0 | 61.0 | 65 | 44 | 66 | 58.0 | N. | N. | N. | 12 | 13 | 12 | C. | C. | C. | | |
| Monday, 8, | 30.24 | 67.0 | 75.0 | 55.0 | 55 | 46 | 60 | 54.0 | N. | S. E. | N. W. | 8 | 6 | 1 | C. | C. | C. | | |
| Tuesday, 9, | 30.19 | 67.0 | 77.0 | 58.0 | 66 | 55 | 73 | 65.0 | N. W. | S. E. | S. W. | 4 | 9 | 6 | C. | C. | C. | | |
| Wednes'y, 10, | 30.03 | 72.0 | 83.0 | 60.0 | 74 | 54 | 83 | 70.0 | W. | S. W. | S. W. | 12 | 12 | 17 | O. | O. | C. | | |
| Thursday, 11, | 29.90 | 73.0 | 80.0 | 67.0 | 90 | 83 | 88 | 87.0 | S. W. | S. W. | S. W. | 12 | 24 | 16 | O. | O. | R. | 7 | .24 |
| Friday, 12, | 29.82 | 73.0 | 86.0 | 67.0 | 84 | 51 | 58 | 64.0 | S. W. | W. | N. | 11 | 16 | 12 | O. | C. | C. | | |
| Saturday, 13, | 30.06 | 64.0 | 72.0 | 58.0 | 49 | 36 | 64 | 50.0 | N. E. | N. E. | W. | 12 | 11 | 10 | C. | C. | C. | | |
| Week, - - | 30.034 | 68.9 | 78.0 | 61.0 | | | | 64.0 | | | | | | | | | | 7 | .24 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening: *T, trace of rainfall.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Aug. 23, 18[illegible]

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE BOSTON
AUG 30 1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING AUGUST 20, 1887.

### Deaths reported to the State Board of Health in 21 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
| Boston, | 395,924 | 213 | 89 | 49 | 25 | 39 | .. | 5 |
| Worcester, | 71,033 | 33 | 16 | 10 | 4 | 8 | 1 | .. |
| Lowell, | 65,967 | 51 | 26 | 26 | 2 | 22 | 2 | 2 |
| Cambridge, | 61,132 | 36 | 18 | 12 | 5 | 11 | 1 | .. |
| Fall River, | 58,316 | 40 | 24 | 18 | 1 | 17 | .. | .. |
| Lynn, | 47,733 | 26 | 8 | 4 | 6 | 3 | .. | 1 |
| Lawrence, | 39,299 | 22 | 13 | 9 | 1 | 7 | 1 | .. |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 25 | 12 | 11 | 4 | 7 | .. | 3 |
| Somerville, | 31,080 | 7 | 2 | 3 | .. | 1 | 1 | .. |
| Salem, | 28,320 | 13 | 5 | 4 | 2 | 3 | .. | 1 |
| Holyoke, | 29,791 | 11 | 6 | 4 | 1 | 3 | .. | 1 |
| Chelsea, | 25,770 | 9 | 7 | 3 | .. | 3 | .. | .. |
| Taunton, | 24,048 | 11 | 7 | 4 | 2 | 3 | 1 | .. |
| Haverhill, | 22,862 | 9 | 3 | 3 | 2 | 3 | .. | .. |
| Gloucester, | 22,344 | 6 | 2 | 2 | 1 | 2 | .. | .. |
| Brockton, | 22,787 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 20,207 | 7 | 2 | 1 | 1 | 1 | .. | .. |
| Malden, | 17,247 | 6 | 0 | .. | 1 | .. | .. | .. |
| Fitchburg, | 15,760 | 6 | 1 | 1 | 2 | 1 | .. | .. |
| Waltham, | 15,290 | 6 | 3 | 1 | .. | 1 | .. | .. |
| Newburyport, | 13,756 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 7 | 3 | 2 | 2 | 2 | .. | .. |
| Woburn, | 13,338 | 3 | 2 | 1 | .. | 1 | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,051,335 | 547 | 249 | 168 | 62 | 138 | 7 | 13 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 21 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

One hundred and sixty-eight deaths were reported from the principal infectious diseases : diarrhœal diseases, 138 ; diphtheria and croup, 13 ; typhoid fever, 7 ; measles, 3 ; whooping cough, 4 ; scarlet fever, 2 ; cerebro-spinal meningitis, 1.

No deaths were reported from small-pox and malarial fevers.

There were 62 deaths from consumption ; lung diseases, 17 ; still-births, 30.

From whooping-cough : Boston, 3 ; Somerville, 1. From measles : Boston, Fall River and New Bedford, 1 each. From scarlet fever : Boston and Lawrence, 1 each. From cerebro-spinal meningitis : Worcester, 1.

Deaths from the principal infections diseases numbered 168 against 211 for the preceding week.

Deaths under five years of age numbered 249 against 306 for the preceding week.

Cases reported in Boston : typhoid fever, 37 ; measles, 19 ; diphtheria, 6 ; and scarlet fever, 2.

The death rates for the week were : Boston, 27.97 ; Worcester, 24.09 ; Lowell, 40.29 ; Cambridge, 30.60 ; Fall River, 35.64 ; Lynn, 28.34 ; Lawrence, 29.04 ; Springfield, —— ; New Bedford, 37.75 ; Somerville, 13.32 ; Salem, 23.92 ; Holyoke, 19.25 ; Chelsea, 18.09 ; Taunton, 23.76 ; Haverhill, 20.43 ; Gloucester, 13.98 ; Brockton, —— ; Newton, 17.99 ; Malden, 18.06 ; Fitchburg, 19.74 ; Waltham, 20.40 ; Newburyport, —— ; Northampton, ——.

The total death rate for the week was 27.05 against 27.83 and 30.01 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Aug. 20, 1886. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| August. | | | | | | | | | | | | | | | | | | | |
| Sunday, 14, | 30.01 | 66.0 | 76.0 | 54.0 | 61 | 31 | 63 | 55.0 | N. W. | N. | S. W. | 8 | 4 | 8 | C. | F. | C. | | |
| Monday, 15, | 29.87 | 71.0 | 79.0 | 59.0 | 80 | 44 | 74 | 62.0 | W. | W. | S. W. | 7 | 4 | 8 | C. | F. | C. | | |
| Tuesday, 16, | 29.76 | 71.0 | 79.0 | 63.0 | 59 | 61 | 63 | 65.0 | W. | S. E. | W. | 4 | 6 | 8 | O. | F. | C. | | |
| Wednes'y, 17, | 29.94 | 66.0 | 77.0 | 62.0 | 54 | 57 | 62 | 61.0 | N. W. | E. | S. | 11 | 16 | 14 | C. | C. | C. | | |
| Thursday, 18, | 29.74 | 70.0 | 76.0 | 64.0 | 65 | 73 | 61 | 67.0 | S. E. | S. | W. | 8 | 18 | 14 | R. | O. | C. | | |
| Friday, 19, | 29.86 | 75.0 | 85.0 | 63.0 | 59 | 61 | 66 | 66.0 | W. | S. W. | W. | 12 | 18 | 8 | C. | F. | C. | | |
| Saturday, 20, | 29.92 | 65.0 | 73.0 | 61.0 | 54 | 58 | 59 | 60.0 | N. W. | S. | N. | 7 | 3 | 7 | O. | O. | O. | | |
| Week, - - | 29.87 | 69.0 | 78.0 | 61.0 | | | | 62.0 | | | | | | | | | | $16\frac{1}{2}$ | .64 |

* O., Cloudy ; C., Clear ; F., Fair ; G., Fog ; H., Hazy ; S., Smoky ; R., Rain ; T., Threatening.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Aug. 13, 1887.

PUBLISHED BY ORDER OF THE

STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON
SEP 1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING AUGUST 27, 1887.

### Deaths reported to the State Board of Health in 25 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
| Boston, | 395,924 | 207 | 86 | 69 | 28 | 47 | 5 | 8 |
| Worcester, | 71,033 | 26 | 11 | 8 | 2 | 2 | 2 | 1 |
| Lowell, | 65,967 | 32 | 13 | 10 | 4 | 5 | 3 | 1 |
| Cambridge, | 61,132 | 24 | 12 | 7 | .. | 5 | 1 | 1 |
| Fall River, | 58,316 | 26 | 9 | 9 | 1 | 3 | 3 | .. |
| Lynn, | 47,733 | 10 | 3 | 2 | 3 | 2 | .. | 1 |
| Lawrence, | 39,299 | 15 | 8 | 4 | 1 | 2 | 2 | .. |
| Springfield, | 38,364 | 8 | 3 | 3 | 2 | 2 | 1 | .. |
| New Bedford, | 34,359 | 13 | 5 | 4 | 1 | 1 | .. | 3 |
| Somerville, | 31,080 | 14 | 6 | 6 | 1 | 5 | .. | .. |
| Salem, | 28,320 | 11 | 2 | 4 | 1 | .. | 3 | 1 |
| Holyoke, | 29,791 | 7 | 7 | 7 | .. | 7 | .. | .. |
| Chelsea, | 25,770 | 4 | 1 | 1 | 1 | 1 | .. | .. |
| Taunton, | 24,048 | 4 | 0 | 2 | .. | .. | 1 | .. |
| Haverhill, | 22,862 | 8 | 3 | 1 | 3 | 1 | .. | .. |
| Gloucester, | 22,344 | 4 | 2 | .. | 1 | .. | .. | .. |
| Brockton, | 22,787 | 5 | 3 | 1 | .. | 1 | .. | .. |
| Newton, | 20,207 | 5 | 2 | .. | .. | .. | .. | .. |
| Malden, | 17,247 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,760 | 13 | 3 | 5 | .. | 5 | .. | .. |
| Waltham, | 15,290 | 5 | 2 | 1 | 1 | 1 | .. | .. |
| Newburyport, | 13,756 | 4 | 2 | 2 | 1 | 2 | .. | .. |
| Northampton, | 13,103 | 10 | 4 | 4 | 2 | 4 | .. | .. |
| Quincy, | 12,775 | 6 | 4 | 4 | 1 | 4 | .. | .. |
| Woburn, | 13,338 | 6 | 3 | 2 | .. | 2 | .. | .. |
| Chicopee, | 11,976 | 4 | 2 | 3 | .. | 2 | 1 | .. |
| Marlborough. | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,133,710 | 471 | 196 | 159 | 54 | 104 | 22 | 16 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 25 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

One hundred and fifty-nine deaths were reported from the principal infectious diseases : diarrhœal diseases, 104 ; typhoid fever, 22 : diphtheria and croup, 16 ; cerebro-spinal meningitis, 6 ; whooping cough, 6 ; scarlet fever, 2 ; measles, 2 ; puerperal fever, 1.

No deaths were reported from small-pox and malarial fevers.

There were 54 deaths from consumption ; lung diseases, 11 ; still-births, 34.

From cerebro-spinal meningitis : Worcester, 3 ; Lowell, Somerville and Taunton, 1 each. From whooping-cough : Boston, 5 ; Fall River, 1. From scarlet fever : Boston, 2 ; Fall River, 1. From measles : Boston, 2. From puerperal fever : Fall River, 1.

Deaths from the principal infectious diseases numbered 159 against 168 for the preceding week.

Deaths under five years of age numbered 196 against 249 for the preceding week.

Cases reported in Boston : typhoid fever, 32 ; scarlet fever, 13 ; diphtheria, 8 ; measles, 3.

The death rates for the week were : Boston, 27.18 ; Worcester, 19.18 ; Lowell, 25.28 ; Cambridge, 20.40 ; Fall River, 23.17 ; Lynn, 10.90 ; Lawrence, 12.80 ; Springfield, 10.80 ; New Bedford, 18.63 ; Somerville, 23.38 ; Salem, 20.24 ; Holyoke, 12.25 ; Chelsea, 8.04 ; Taunton, 8.64 ; Haverhill, 18.16 ; Gloucester, 9.32 ; Brockton, 11.40 ; Newton, 12.85 ; Malden, —— ; Fitchburg, 42.77 ; Waltham, 17.00 ; Newburyport, 15.12 ; Northampton, 39.60.

The total death rate for the week was 21.60 against 27.05 and 27.83 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Aug. 27, 1886. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| August. | | | | | | | | | | | | | | | | | | | |
| Sunday, 21, | 29.96 | 69.0 | 78.0 | 59.0 | 66 | 46 | 65 | 59.0 | N. W. | S. W. | S. W. | 8 | 13 | 13 | C. | C. | C. | | |
| Monday, 22, | 29.82 | 69.0 | 76.0 | 65.0 | 67 | 66 | 67 | 93.0 | S. W. | S. W. | N. W. | 3 | 12 | 8 | R. | O. | R. | | |
| Tuesday, 23, | 29.82 | 60.0 | 68.0 | 58.0 | 97 | 97 | 100 | 98.0 | N. E. | N. E. | N. E. | 5 | 12 | 11 | R. | O. | R. | | |
| Wednes'y, 24, | 29.81 | 61.0 | 64.0 | 58.0 | 100 | 100 | 97 | 99.0 | N. | N. W. | N. | 10 | 5 | 1 | G. | R. | O. | | |
| Thursday, 25, | 29.81 | 64.0 | 71.0 | 59.0 | 61 | 51 | 49 | 71.0 | N. W. | N. | N. | 6 | 12 | 12 | O. | C. | C. | | |
| Friday, 26, | 29.86 | 63.0 | 72.0 | 52.0 | 71 | 45 | 68 | 61.0 | N. W. | N. W. | W. | 13 | 21 | 8 | C. | C. | F. | | |
| Saturday, 27, | 29.86 | 65.0 | 73.0 | 54.0 | 69 | 49 | 67 | 62.0 | W. | N. W. | W. | 12 | 12 | 2 | C. | C. | O. | | |
| Week, - - | 29.84 | 64.4 | | | | | | 77.6 | | | | | | | | | | 30 | 1.66 |

* O., Cloudy ; C., Clear ; F., Fair ; G., Fog ; H., Hazy ; S., Smoky ; R., Rain ; T., Threatening.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Sept 3.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY
MAY 27 1919

# MORTALITY OF MASSACHUSETTS

FOR THE WEEK ENDING SEPT. 3, 1887.

## Deaths reported to the State Board of Health in 21 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
| Boston, | 395,924 | 206 | 78 | 54 | 39 | 29 | 12 | 3 |
| Worcester, | 71,033 | 29 | 13 | 11 | 4 | 7 | 2 | 1 |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 28 | 16 | 10 | 2 | 6 | 1 | 2 |
| Fall River, | 58,316 | 35 | 23 | 16 | 1 | 13 | 2 | .. |
| Lynn, | 47,733 | 20 | 12 | 7 | 1 | 6 | 1 | .. |
| Lawrence, | 39,299 | 8 | 3 | 2 | .. | .. | .. | .. |
| Springfield, | 38,364 | 11 | 6 | 6 | 1 | 3 | .. | 3 |
| New Bedford, | 34,359 | 21 | 10 | 9 | 1 | 3 | 1 | 5 |
| Somerville, | 31,080 | .. | .. | .. | .. | .. | .. | .. |
| Salem, | 28,320 | 12 | 3 | 2 | .. | 2 | .. | .. |
| Holyoke, | 29,791 | 16 | 13 | 8 | .. | 6 | .. | .. |
| Chelsea, | 25,770 | 5 | 1 | 1 | 1 | 1 | .. | .. |
| Taunton. | 24,048 | 4 | .. | .. | .. | .. | .. | .. |
| Haverhill, | 22,862 | 9 | 6 | 4 | .. | 4 | .. | .. |
| Gloucester, | 22,344 | 3 | 2 | 2 | 1 | 2 | .. | .. |
| Brockton, | 22,787 | 7 | 3 | 1 | 2 | .. | 1 | .. |
| Newton, | 20,207 | 5 | 4 | 1 | .. | .. | .. | 1 |
| Malden, | 17,247 | 5 | .. | .. | 2 | .. | .. | .. |
| Fitchburg, | 15,760 | 6 | 4 | 1 | .. | 1 | .. | .. |
| Waltham, | 15,290 | 4 | .. | 1 | .. | .. | 1 | .. |
| Newburyport, | 13,756 | 7 | 1 | 1 | 1 | 1 | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 5 | 2 | 4 | .. | 1 | 2 | .. |
| Woburn, | 13,338 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Marlborough. | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,017,117 | 446 | 200 | 141 | 56 | 85 | 23 | 15 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 21 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

One hundred and forty-one deaths were reported from the principal infectious diseases: diarrhœal diseases, 85; typhoid fever, 23; diphtheria and croup, 15; cerebro-spinal meningitis, 6; whooping cough, 6; scarlet fever, 4.

No deaths were reported from small-pox and two from malarial fever.

There were 56 deaths from consumption; lung diseases, 21; still-births, 21.

From cerebro-spinal meningitis: Boston, Cambridge, Fall River, Holyoke, Lawrence and Quincy, 1 each. From whooping-cough: Boston, 5; Lawrence, 1. From scarlet fever: Boston, 3; Holyoke, 1. From malarial fever, Boston and Worcester, 1 each.

Deaths from the principal infectious diseases numbered 141 against 159 for the preceding week.

Deaths under five years of age numbered 200 against 196 for the preceding week.

Cases reported in Boston: typhoid fever, 71; scarlatina, 19; diphtheria, 15; measles, 10.

The death rates for the week were: Boston, 27.06; Worcester, 21.22; Lowell, ——; Cambridge, 23.83; Fall River, 31.22; Lynn, 21.74; Lawrence, 10.56; Springfield, 14.88; New Bedford, 31.79; Somerville, ——; Salem, 22.01; Holyoke, 27.94; Chelsea, 10.09; Taunton, 8.64; Haverhill, 20.45; Gloucester, 6.97; Brockton, 15.97; Newton, 12.85; Malden, 15.04; Fitchburg, 19.77; Waltham, 13.58; Newburyport, 26.43; Quincy, 20.34.

The total death rate of reporting cities and towns for the week was 22.78 against 21.60 and 27.05 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Sept. 3, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| August. Sunday, 28, | 30.00 | 61.0 | 69.0 | 54.0 | 71 | 56 | 64 | 64.0 | N. W. | S. E. | S. W. | 8 | 6 | 5 | C. | C. | C. | | |
| Monday, 29, | 30.10 | 62.0 | 70.0 | 55.0 | 65 | 61 | 69 | 65.0 | N. | S. E. | S. W. | 10 | 7 | 5 | C. | F. | F. | | |
| Tuesday, 30, | 30.22 | 60.0 | 65.0 | 53.0 | 88 | 77 | 89 | 85.0 | N. W. | S. E. | E. | 6 | 12 | 5 | O. | F. | C. | | |
| Wednes'y, 31, | 30.30 | 57.0 | 65.0 | 52.0 | 97 | 76 | 86 | 86.0 | N. E. | E. | N. E. | 6 | 12 | 4 | G. | C. | C. | | |
| Sept. Thnrsday, 1, | 30.17 | 60.0 | 69.0 | 50.0 | 82 | 58 | 81 | 74.0 | N. W. | S. E. | S. W. | 5 | 5 | 8 | C. | C. | C. | | |
| Friday, 2, | 29.88 | 65.0 | 73.0 | 51.0 | 84 | 70 | 85 | 80.0 | S. W. | S. W. | S. W. | 12 | 14 | 12 | C. | O. | O. | | |
| Saturday, 3, | 29.94 | 63.0 | 70.0 | 58.0 | 79 | 58 | 72 | 70.0 | N. W. | N. W. | N. W. | 16 | 24 | 12 | C. | F. | O. | | |
| Week, - - | | | | | | | | | | | | | | | | | | 2 | *T |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

*T., Trace of rainfall.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Sept. 10, 1887

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE HOUSE BOSTON
SEP 1 1887

# MORTALITY OF MASSACHUSETTS

FOR THE WEEK ENDING SEPT. 10, 1887.

## Deaths reported to the State Board of Health in 22 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

## POPULATION BY STATE CENSUS OF 1885.

| CITIES AND TOWNS. | POPULATION. | Reported Deaths in Each. | Deaths under 5 years. | DEATHS FROM | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
| Boston, | 395,924 | 204 | 90 | 40 | 37 | 24 | 5 | 4 |
| Worcester, | 71,033 | 29 | 9 | 9 | 1 | 6 | 1 | 1 |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 26 | 12 | 6 | 2 | 2 | 1 | .. |
| Fall River, | 58,316 | 34 | 15 | 11 | 5 | 7 | 2 | 1 |
| Lynn, | 47,733 | 18 | 8 | 4 | 3 | 2 | 1 | .. |
| Lawrence, | 39,299 | 16 | 7 | 4 | 3 | 1 | 2 | .. |
| Springfield, | 38,364 | 13 | 6 | 4 | 1 | 2 | .. | 2 |
| New Bedford, | 34,359 | 19 | 10 | 8 | 1 | 4 | .. | 3 |
| Somerville, | 31,080 | 6 | 2 | 1 | .. | .. | .. | .. |
| Salem, | 28,320 | 16 | 5 | 2 | 2 | .. | 1 | 1 |
| Holyoke, | 29,791 | 12 | 2 | 2 | 4 | 2 | .. | .. |
| Chelsea, | 25,770 | 10 | 3 | 1 | 3 | 1 | .. | .. |
| Taunton, | 24,048 | .. | .. | .. | .. | .. | .. | .. |
| Haverhill, | 22,862 | 10 | 5 | 3 | 2 | 2 | 1 | .. |
| Gloucester, | 22,344 | 9 | 4 | 6 | .. | 4 | 2 | .. |
| Brockton, | 22,787 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 20,207 | 11 | 4 | 2 | 1 | 1 | 1 | .. |
| Malden, | 17,247 | 6 | 5 | .. | .. | .. | .. | .. |
| Fitchburg, | 15,760 | 5 | 2 | 1 | 1 | 1 | .. | .. |
| Waltham, | 15,290 | 5 | 3 | 1 | 1 | 1 | .. | .. |
| Newburyport, | 13,756 | 12 | 3 | 2 | .. | 2 | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 8 | 3 | 2 | 2 | .. | 1 | .. |
| Woburn, | 13,338 | 3 | 1 | 1 | 1 | 1 | .. | .. |
| Chicopee, | 11,976 | 7 | 1 | 3 | 1 | 1 | .. | .. |
| Marlborough. | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | POPULATION. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,025,052 | 479 | 200 | 113 | 71 | 64 | 18 | 12 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

One hundred and thirteen deaths were reported from the principal infectious diseases: diarrhœal diseases, 64; typhoid fever, 18; diphtheria and croup, 12; whooping cough, 7; cerebro-spinal meningitis, 4; scarlet fever, 3; erysipelas, 2; malarial fever, 1; puerperal fever, 1.

No deaths were reported from small-pox.

There were 71 deaths from consumption; lung diseases, 25; still-births, 16.

From whooping cough: Boston, 5; Cambridge and Lawrence, 1 each. From cerebro-spinal meningitis: Fall River, Lynn, Somerville and Woburn, 1 each. From scarlet fever: Cambridge, 2; Boston, 1. From erysipelas: Boston and Worcester, 1 each. From malarial fever: Chicopee, 1. From pueperal fever: New Bedford, 1.

Deaths from the principal infectious diseases numbered 113 against 141 for the preceding week.

Deaths under five years of age numbered 200, the same as for the preceding week.

Cases reported in Boston: typhoid fever, 28; scarlet fever, 25; diphtheria, 13; and measles, 1.

The death rates for the week were: Boston, 26.78; Worcester, 21.17; Lowell, ——; Cambridge, 22.10; Fall River, 30.29; Lynn, 19.62; Lawrence, 21.12; Springfield, 17.55; New Bedford, 28.69; Somerville, 9.02; Salem, 29.44; Holyoke, 21.00; Chelsea, 20.10; Taunton, ——; Haverhill, 22.70; Gloucester, 20.97; Brockton, ——; Newton, 28.27; Malden, 18.06; Fitchburg, 16.45; Waltham, 17.00; Newburyport, 45.36; Northampton, ——.

The total death rate of reporting cities for the week was 24.29 against 22.78 and 21.60 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Sept. 10, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Sept. Sunday, 4, | 30.21 | 63.0 | 69.0 | 58.0 | 50 | 68 | 79 | 66.0 | N. | E. | S. W. | 14 | 12 | 8 | F. | C. | C. | | |
| Monday, 5, | 30.17 | 68.0 | 79.0 | 52.0 | 83 | 58 | 75 | 72.0 | N. W. | W. | S. W. | 4 | 7 | 9 | C. | C. | C. | | |
| Tuesday, 6, | 29.91 | 68.0 | 80.0 | 59.0 | 84 | 50 | 80 | 71.0 | W. | S. W. | S. W. | 10 | 18 | 12 | C. | F. | O. | | |
| Wednes'y, 7, | 29.57 | 72.0 | 80.0 | 66.0 | 90 | 68 | 93 | 84.0 | S. W. | S. W. | W. | 11 | 24 | 8 | O. | F. | O. | | |
| Thursday, 8, | 29.85 | 62.0 | 69.0 | 59.0 | 68 | 53 | 68 | 63.0 | W. | N. W. | N. | 19 | 12 | 5 | C. | F. | C. | | |
| Friday, 9, | 30.05 | 63.0 | 72.0 | 52.0 | 72 | 56 | 84 | 71.0 | N. W. | S. W. | S. W. | 1 | 12 | 12 | C. | O. | C. | | |
| Saturday, 10, | 30.11 | 64.0 | 75.0 | 55.0 | 95 | 58 | 70 | 74.0 | N. W. | N. W. | N. | 12 | 10 | 12 | O. | F. | C. | | |
| Week, - - | | | | | | | | | | | | | | | | | | 6 | .67 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# MONTHLY MORTALITY

In the 35 smaller towns of Massachusetts as reported to the State Board of Health for the month of August.

The total death-rate of reporting towns for the month was 17.80.

| TOWNS. | Population. | Reported Deaths in each. | Deaths under five years of age. | Deaths from | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Whooping Cough. |
| Brookline, | 9,648 | 18 | 11 | 3 | 3 | .. | .. | 3 |
| Stoneham, | 5,967 | 12 | 8 | 4 | 1 | 3 | .. | 1 |
| Andover, | 5,927 | 9 | 4 | 2 | .. | 1 | .. | 1 |
| Middleborough, | 5,137 | 8 | 3 | 4 | .. | 3 | 1 | .. |
| Winchester, | 4,706 | 10 | 2 | 2 | 3 | 2 | .. | .. |
| West Springfield, | 4,568 | 12 | 4 | 3 | 3 | 3 | .. | .. |
| Hingham, | 4,331 | 2 | 0 | .. | .. | .. | .. | .. |
| Amherst, | 4,159 | 4 | 1 | 1 | 1 | 1 | .. | .. |
| Braintree, | 4,114 | 4 | 1 | 1 | 1 | 1 | .. | .. |
| Leicester, | 2,981 | 3 | 0 | 4 | 1 | 3 | 1 | .. |
| Nantucket, | 2,912 | 8 | 1 | .. | .. | .. | .. | .. |
| Fairhaven, | 2,880 | 1 | 0 | .. | .. | .. | .. | .. |
| Lexington, | 2,820 | 4 | 0 | .. | .. | .. | .. | .. |
| Wrentham, | 2,802 | 1 | 0 | .. | .. | .. | .. | .. |
| Ashland, | 2,729 | 2 | 0 | .. | 1 | .. | .. | .. |
| Swampscott, | 2,459 | 4 | 2 | 1 | .. | 1 | .. | .. |
| Merrimac, | 2,454 | 6 | 2 | 1 | .. | 1 | .. | .. |
| Cohasset, | 2,230 | 4 | 0 | 1 | 1 | .. | .. | .. |
| Dalton, | 2,137 | 1 | 0 | 1 | .. | .. | .. | .. |
| Groton, | 2,037 | 7 | 3 | 2 | .. | 2 | .. | .. |
| Longmeadow, | 1,787 | 3 | 1 | 1 | .. | 1 | .. | .. |
| Norton, | 1,718 | 2 | 0 | .. | .. | .. | .. | .. |
| Shrewsbury, | 1,450 | 3 | 0 | .. | 1 | .. | .. | .. |
| Topsfield, | 1,141 | 2 | 0 | .. | 1 | .. | .. | .. |
| Enfield, | 1,010 | 2 | 0 | .. | .. | .. | .. | .. |
| Truro, | 972 | 1 | 0 | .. | .. | .. | .. | .. |
| Bolton, | 876 | 2 | 0 | .. | .. | .. | .. | .. |
| Melrose, | 6,717 | 4 | 2 | 2 | .. | 2 | .. | .. |
| Wakefield, | 6,266 | 5 | 3 | .. | 1 | .. | .. | .. |
| Provincetown, | 4,534 | 11 | 7 | 6 | .. | 5 | 1 | .. |
| Concord, | 3,727 | 3 | 1 | .. | .. | .. | .. | .. |
| Mansfield, | 3,009 | 4 | 2 | 2 | .. | 1 | .. | .. |
| Burlington, | 604 | 1 | 1 | .. | .. | .. | .. | .. |
| No. Heath, | 568 | 1 | 0 | 1 | .. | .. | .. | .. |
| Wendell, | 527 | 2 | 1 | 1 | .. | 1 | .. | .. |
| Randolph, | 3,807 | .. | .. | .. | .. | .. | .. | .. |
| Bradford, | 3,292 | .. | .. | .. | .. | .. | .. | .. |
| Conway, | 1,573 | .. | .. | .. | .. | .. | .. | .. |
| Total of reporting towns, | 111,904 | 166 | 60 | 43 | 18 | 31 | 3 | 5 |

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Feb. 17, 1887.

PUBLISHED BY ORDER OF THE

STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS
MAY 27 1919
CANCELLED

STATE LIBRARY OF MASSACHUSETTS,
1887.

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING SEPT. 17, 1887.

### Deaths reported to the State Board of Health in 21 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever | Diphtheria and Croup. |
| Boston, | 395,924 | 182 | 73 | 47 | 19 | 21 | 9 | 6 |
| Worcester, | 71,033 | 25 | 15 | 8 | 3 | 3 | 2 | 1 |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 18 | 8 | 6 | 3 | 5 | .. | .. |
| Fall River, | 58,316 | 38 | 21 | 13 | 3 | 6 | 6 | .. |
| Lynn, | 47,733 | 11 | 2 | 1 | 3 | 1 | .. | .. |
| Lawrence, | 39,299 | 9 | 2 | 2 | 1 | 2 | .. | .. |
| Springfield, | 38,364 | 10 | 4 | 4 | 1 | 1 | 2 | 1 |
| New Bedford, | 34,359 | 16 | 6 | 6 | .. | 1 | .. | 4 |
| Somerville, | 31,080 | 7 | 0 | 1 | 1 | .. | .. | 1 |
| Salem, | 28,320 | .. | .. | .. | .. | .. | .. | .. |
| Holyoke, | 29,791 | 18 | 12 | 4 | .. | 3 | .. | .. |
| Chelsea, | 25,770 | 5 | 3 | 1 | .. | 1 | .. | .. |
| Taunton, | 24,048 | 10 | 4 | 3 | 1 | 1 | .. | 1 |
| Haverhill, | 22,862 | 5 | 1 | 1 | 2 | .. | .. | 1 |
| Gloucester, | 22,344 | 4 | 1 | 1 | 1 | 1 | .. | .. |
| Brockton, | 22,787 | 6 | 1 | 1 | 2 | .. | 1 | .. |
| Newton, | 20,207 | 5 | 1 | 2 | 1 | 2 | .. | .. |
| Malden, | 17,247 | 5 | 0 | 1 | 2 | .. | 1 | .. |
| Fitchburg, | 15,760 | 7 | 2 | .. | 2 | .. | .. | .. |
| Waltham, | 15,290 | 9 | 0 | .. | 1 | .. | .. | .. |
| Newburyport, | 13,756 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 2 | 0 | .. | 1 | .. | .. | .. |
| Woburn, | 13,338 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | 8 | 1 | .. | 1 | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,017,733 | 400 | 157 | 102 | 48 | 48 | 21 | 15 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 21 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

One hundred and two deaths were reported from the principal infectious diseases: diarrhœal diseases, 48; typhoid fever, 21; diphtheria and croup, 15; scarlet fever, 7; whooping cough, 7; cerebro-spinal meningitis, 4;

No deaths were reported from small-pox, measles and malarial fevers.

There were 48 deaths from consumption; acute lung diseases, 25; still-births, 28.

From scarlet fever: Boston, 4; Cambridge, Fall River and New Bedford, 1 each. From whooping cough: Boston, 7. From cerebro-spinal meningitis: Worcester, 2; Holyoke and Taunton, 1 each.

Deaths from the principal infectious diseases numbered 102 against 113 for the preceding week.

Deaths under five years of age numbered 157 against 200 for the preceding week.

Cases reported in Boston: typhoid fever, 32; scarlet fever, 27; and diphtheria, 19.

The death rates for the week were: Boston, 23.90; Worcester, 18.25; Lowell, ——; Cambridge, 15.30; Fall River, 33.86; Lynn, 11.99; Lawrence, 11.88; Springfield, 13.50; New Bedford, 24.16; Somerville, 11.69; Salem, ——; Holyoke, 31.50; Chelsea, 10.05; Taunton, 21.60; Haverhill, 11.35; Gloucester, 9.32; Brockton, 13.68; Newton, 12.85; Malden, 15.05; Fitchburg, 23.03; Waltham, 30.60; Newburyport, ——; Northampton, ——.

The total death rate for the week was 22.04 against 24.29 and 22.78 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Sept. 17, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS. DURATION. | AMOUNT IN INCHES. |
| Sept. | | | | | | | | | | | | | | | | | | | |
| Sunday, 11, | 30.40 | 54.0 | 58.0 | 48.0 | 74 | 68 | 70 | 71.0 | N. | E. | S. E. | 16 | 12 | 6 | C. | C. | C. | | |
| Monday, 12, | 30.25 | 56.0 | 59.0 | 50.0 | 82 | 100 | 97 | 93.0 | N. | N. E. | E. | 3 | 14 | 11 | C. | R. | O. | 12 | .18 |
| Tuesday, 13, | 30.11 | 61.0 | 65.0 | 57.0 | 97 | 92 | 100 | 96.0 | N. E. | N. E. | N. E. | 12 | 12 | 4 | O. | O. | R. | 3 | .02 |
| Wednes'y, 14, | 30.04 | 67.0 | 76.0 | 59.0 | 97 | 78 | 95 | 90.0 | 0. | S. W. | W. | 0 | 9 | 10 | G. | O. | C. | | |
| Thursday, 15, | 30.04 | 65.0 | 77.0 | 58.0 | 68 | 61 | 76 | 68.0 | W. | W. | W. | 10 | 12 | 9 | C. | C. | C. | | |
| Friday, 16, | 30.20 | 55.0 | 65.0 | 50.0 | 79 | 56 | 70 | 68.0 | N. | N. W. | N. W. | 12 | 22 | 7 | C. | O. | C. | | |
| Saturday, 17, | 30.37 | 54.0 | 65.0 | 45.0 | 66 | 51 | 75 | 64.0 | N. W. | S. E. | W. | 8 | 8 | 4 | C. | C. | C. | | |
| Week, - - | 30.201 | 58.9 | 66.0 | 52.0 | | | | 78.6 | | | | | | | | | | 15 | .20 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Sept. 24. 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
OCT 1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING SEPT. 24, 1887.

### Deaths reported to the State Board of Health in 22 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
| Boston, | 395,924 | 192 | 80 | 36 | 31 | 12 | 5 | 6 |
| Worcester, | 71,033 | 24 | 16 | 7 | 2 | 5 | 1 | 1 |
| Lowell, | 65,967 | 38 | 16 | 8 | 5 | 5 | 3 | .. |
| Cambridge, | 61,132 | 21 | 11 | 8 | 2 | 5 | 2 | .. |
| Fall River, | 58,316 | 36 | 15 | 10 | 4 | 6 | 3 | .. |
| Lynn, | 47,733 | 14 | 4 | 1 | 4 | 1 | .. | .. |
| Lawrence, | 39,299 | 9 | 5 | .. | 3 | .. | .. | .. |
| Springfield, | 38,364 | 22 | 6 | 6 | 3 | 1 | .. | 4 |
| New Bedford, | 34,359 | 18 | 5 | 9 | 3 | 2 | 1 | 5 |
| Somerville, | 31,080 | 8 | 6 | 3 | .. | 1 | .. | .. |
| Salem, | 28,320 | 14 | 3 | 4 | .. | 1 | 1 | 2 |
| Holyoke, | 29,791 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,770 | 8 | 1 | 1 | 2 | .. | .. | .. |
| Taunton, | 24,048 | 6 | 1 | 2 | 1 | .. | 2 | .. |
| Haverhill, | 22,862 | 11 | 3 | 2 | 2 | .. | .. | 2 |
| Gloucester, | 22,344 | 8 | 3 | 1 | 2 | .. | .. | .. |
| Brockton, | 22,787 | 8 | 0 | 1 | .. | .. | .. | 1 |
| Newton, | 20,207 | 7 | 1 | 3 | 1 | .. | 2 | .. |
| Malden, | 17,247 | 3 | 0 | .. | .. | .. | .. | .. |
| Fitchburg, | 15,760 | 6 | 1 | 2 | 1 | .. | 1 | .. |
| Waltham, | 15,290 | 4 | 1 | .. | .. | .. | .. | .. |
| Newburyport, | 13,756 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 2 | 0 | 1 | .. | .. | .. | .. |
| Woburn, | 13,338 | 7 | 4 | 3 | 1 | 2 | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,082,695 | 466 | 182 | 108 | 67 | 41 | 21 | 21 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

One hundred and eight deaths were reported from the principal infectious diseases: diarrhœal diseases, 41; typhoid fever, 21; diphtheria and croup, 21; scarlet fever, 8; whooping cough, 7; cerebro-spinal meningitis, 6; puerperal fever, 3; measles, 1.

No deaths were reported from small-pox and malarial fevers.

There were 67 deaths from consumption; lung diseases, 31; still-births, 18.

From whooping cough: Boston, 6; Somerville, 1. From cerebro-spinal meningitis: Cambridge, Fall River, Springfield, Somerville, Chelsea and Gloucester, 1 each. From puerperal fever: New Bedford, Newton and Quincy, 1 each. From measles: Boston, 1.

Deaths from the principal infectious diseases numbered 108 against 102 for the preceding week.

Deaths under five years of age numbered 182 against 157 for the preceding week.

Cases reported in Boston: typhoid fever, 50; scarlet fever, 40; diphtheria, 11; and measles, 2.

The death rates for the week were: Boston, 25.21; Worcester, 17.52; Lowell, 30.02; Cambridge, 17.85; Fall River, 32.08; Lynn, 15.26; Lawrence, 11.88; Springfield, 29.70; New Bedford, 27.18; Somerville, 13.36; Salem, 25.78; Holyoke, ——; Chelsea, 16.08; Taunton, 12.96; Haverhill, 24.97; Gloucester, 18.64; Brockton, 18.24; Newton, 17.99; Malden, 9.03; Fitchburg, 19.74; Waltham, 13.60; Newburyport, ——; Northampton, ——.

The total death rate for the week was 23.31 against 22.04 and 22.78 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Sept. 24, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS. DURATION. | AMOUNT IN INCHES. |
| Sept. | | | | | | | | | | | | | | | | | | | |
| Sunday, 18, | 30.40 | 57.0 | 68.0 | 47.0 | 65 | 60 | 74 | 66.0 | N. W. | E. | W. | 3 | 8 | 14 | C. | C. | C. | | |
| Monday, 19, | 30.19 | 65.0 | 78.0 | 51.0 | 82 | 58 | 72 | 71.0 | W. | W. | N. W. | 12 | 19 | 11 | C. | C. | C. | | |
| Tuesday, 20, | 30.30 | 56.0 | 65.0 | 51.0 | 63 | 58 | 63 | 61.0 | N. W. | S. E. | W. | 12 | 8 | 6 | C. | C. | C. | | |
| Wednes'y, 21, | 30.04 | 64.0 | 76.0 | 48.0 | 72 | 50 | 82 | 68.0 | W. | S. W. | S. W. | 6 | 12 | 12 | C. | H. | H. | | |
| Thursday, 22, | 29.74 | 63.0 | 70.0 | 59.0 | | 65 | 73 | 78.0 | S. W. | W. | W. | 15 | 8 | 8 | R. | O. | O. | | |
| Friday, 23, | 29.87 | 52.0 | 60.0 | 44.0 | 63 | 55 | 67 | 62.0 | N. | N. | N. | 10 | 18 | 16 | O. | O. | C. | | |
| Saturday, 24, | 30.02 | 48.0 | 53.0 | 40.0 | 66 | 63 | 67 | 65.0 | N. | N. E. | N. W. | 14 | 18 | 11 | C. | O. | F. | | .05 |
| Week, - - | 30.08 | | 67.0 | 49.0 | | | | 67.0 | | | | | | | | | | 8 | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

# Weekly Return of Mortality

— OF —

# MASSACHUSETTS.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS, STATE HOUSE, BOSTON.
MAY 27 1919
CANCELLED 1887
BY

# MORTALITY OF MASSACHUSETTS

FOR THE WEEK ENDING OCT. 1, 1887.

## Deaths reported to the State Board of Health in 23 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
| Boston, | 395,924 | 176 | 57 | 45 | 25 | 14 | 9 | 10 |
| Worcester, | 71,033 | 17 | 10 | 6 | 4 | 2 | 1 | 2 |
| Lowell, | 65,967 | 21 | 3 | 3 | 1 | 2 | .. | 1 |
| Cambridge, | 61,132 | 26 | 14 | 4 | 4 | 1 | .. | 2 |
| Fall River, | 58,316 | 33 | 13 | 10 | 5 | 4 | 1 | .. |
| Lynn, | 47,733 | 20 | .. | 5 | 1 | .. | 2 | .. |
| Lawrence, | 39,299 | 18 | 6 | 2 | 4 | 1 | 1 | .. |
| Springfield, | 38,364 | 12 | 2 | 3 | 3 | 1 | 1 | 1 |
| New Bedford, | 34,359 | 13 | 4 | 6 | 1 | 1 | 1 | 4 |
| Somerville, | 31,080 | 13 | 3 | 4 | 2 | 4 | .. | .. |
| Salem, | 28,320 | 11 | 5 | 4 | 2 | 2 | 1 | 1 |
| Holyoke, | 29,791 | 11 | 4 | 3 | .. | .. | 2 | .. |
| Chelsea, | 25,770 | 10 | 5 | 3 | .. | 2 | 1 | .. |
| Taunton, | 24,048 | 8 | 0 | .. | .. | .. | .. | .. |
| Haverhill, | 22,862 | .. | .. | .. | .. | .. | .. | .. |
| Gloucester, | 22,344 | 3 | 0 | .. | 2 | .. | .. | .. |
| Brockton, | 22,787 | 6 | 1 | 1 | 2 | .. | 1 | .. |
| Newton, | 20,207 | 4 | 1 | 1 | 1 | 1 | .. | .. |
| Malden, | 17,247 | 1 | 0 | .. | .. | .. | .. | .. |
| Fitchburg, | 15,760 | 9 | 4 | 1 | 1 | .. | .. | .. |
| Waltham, | 15,290 | 3 | 0 | .. | .. | .. | .. | .. |
| Newburyport, | 13,756 | 4 | 0 | 1 | .. | .. | 1 | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 6 | 1 | 1 | 1 | .. | 1 | .. |
| Woburn, | 13,338 | 2 | 2 | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,740 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,131,336 | 427 | 135 | 103 | 59 | 35 | 23 | 21 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

One hundred and three deaths were reported from the principal infectious diseases: diarrhœal diseases, 35; typhoid fever, 23; diphtheria and croup, 21; scarlet fever, 10; cerebro-spinal meningitis, 10; whooping cough, 4.

No deaths were reported from small-pox and malarial fevers.

There were 59 deaths from consumption; acute lung diseases, 29; still-births, 13.

From scarlet fever: Boston, 7; Cambridge, Fall River and Fitchburg, 1 each. From cerebro-spinal meningitis: Fall River, 4; Lynn, 3; Boston and Worcester, 1 each. From whooping cough: Boston, 4.

Deaths from the principal infectious diseases numbered 103 against 108 for the preceding week.

Deaths under five years of age numbered 135 against 182 for the preceding week.

Cases reported in Boston: scarlet fever, 45; typhoid fever, 42; diphtheria, 8.

The death rates for the week were: Boston, 23.11; Worcester, 12.41; Lowell, 16.59; Cambridge, 22.10; Fall River, 29.37; Lynn, 21.80; Lawrence, 23.76; Springfield, 16.20; New Bedford, 19.63; Somerville, 21.71; Salem, 20.24; Holyoke, 19.25; Chelsea, 20.10; Taunton, 17.28; Haverhill, ——; Gloucester, 6.99; Brockton, 17.68; Newton, 10.28; Malden, 3.01; Fitchburg, 29.61; Waltham, 10.20; Newburyport, 15.12; Northampton, ——.

The total death rate for the week was 19.26 against 23.31 and 22.04 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Oct. 1, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Sunday, Sept. 25, | 29.98 | 44.0 | 57.0 | 46.0 | 75 | 50 | 66 | 64.0 | W. | W. | W. | 10 | 18 | 6 | C. | C. | C. | | |
| Monday, 26, | 30.01 | 43.0 | 58.0 | 42.0 | 70 | 48 | 67 | 62.0 | W. | W. | S. W. | 10 | 12 | 6 | S. | S. | O. | | |
| Tuesday, 27, | 30.10 | 46.0 | 56.0 | 40.0 | 65 | 73 | 73 | 70.0 | W. | W. | S. W. | 12 | 8 | 6 | S. | S. | S. | | |
| Wednes'y, 28, | 30.15 | 52.0 | 67.0 | 50.0 | 78 | 55 | 80 | 71.0 | W. | W. | W. | 4 | 10 | 11 | O. | O. | C. | | |
| Thursday, 29, | 30.10 | 57.0 | 62.0 | 55.0 | 86 | 100 | 100 | 95.0 | S. W. | E. | 0 | 7 | 7 | 0 | O. | R. | F. | | |
| Friday, 30, | 30.13 | 55.0 | 61.0 | 55.0 | 91 | 94 | 97 | 94.0 | N. | E. | E. | 5 | 13 | 6 | F. | F. | F. | | |
| Saturday, Oct 1, | 29.98 | 57.0 | 60.0 | 54.0 | 100 | 100 | 100 | 100.0 | S. E. | E. | 0 | 6 | 13 | 0 | R. | R. | R. | 33 | 70 |
| Week, - - | | | 60.0 | 49.0 | | | | | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

# MONTHLY MORTALITY

In the 35 smaller towns of Massachusetts as reported to the State Board of Health for the month of September.

The total death-rate of reporting towns for the month was 13.71.

| TOWNS. | Population. | Reported Deaths in each. | Deaths under five years of age. | Deaths from | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
| Brookline, | 9,648 | 12 | 7 | 1 | 2 | 1 | .. | .. |
| Stoneham, | 5,967 | 4 | 1 | .. | 1 | .. | .. | .. |
| Andover, | 5,927 | 4 | 2 | .. | 1 | .. | .. | .. |
| Middleborough, | 5,137 | 5 | 1 | 1 | .. | .. | 1 | .. |
| Winchester, | 4,706 | 8 | 3 | 4 | .. | 3 | 1 | .. |
| West Springfield, | 4,568 | 6 | 0 | 1 | 2 | .. | 1 | .. |
| Hingham, | 4,331 | 5 | 0 | 1 | .. | 1 | .. | .. |
| Amherst, | 4,159 | 4 | 0 | .. | 1 | .. | .. | .. |
| Braintree, | 4,114 | 10 | 5 | 3 | 1 | 3 | .. | .. |
| Whitman, | 3,825 | 5 | 1 | 1 | 2 | 1 | .. | .. |
| Leicester, | 2,981 | 3 | 0 | 1 | .. | .. | 1 | .. |
| Nantucket, | 2,912 | 4 | 0 | .. | 1 | .. | .. | .. |
| Fairhaven, | 2,880 | 4 | 0 | .. | 1 | .. | .. | .. |
| Wrentham, | 2,802 | 3 | 0 | 1 | .. | 1 | .. | .. |
| Swampscott, | 2,459 | 5 | 2 | 1 | 1 | 1 | .. | .. |
| Merrimac, | 2,454 | 6 | 3 | 2 | 2 | 1 | .. | 1 |
| Cohasset, | 2,230 | 1 | 0 | .. | .. | .. | .. | .. |
| Dalton, | 2,137 | 9 | 4 | 2 | 1 | .. | .. | 2 |
| Groton, | 2,037 | 3 | 0 | .. | .. | .. | .. | .. |
| Longmeadow, | 1,787 | 1 | 0 | .. | .. | .. | .. | .. |
| Norton, | 1,718 | 3 | 0 | .. | .. | .. | .. | .. |
| Shrewsbury, | 1,450 | 2 | 1 | .. | .. | .. | .. | .. |
| Topsfield, | 1,141 | 1 | 0 | .. | .. | .. | .. | .. |
| Enfield, | 1,010 | 1 | 1 | .. | .. | .. | .. | .. |
| Truro, | 972 | 1 | 1 | 1 | .. | 1 | .. | .. |
| Rutland, | 963 | 1 | 0 | .. | .. | .. | .. | .. |
| Melrose, | 6,717 | 2 | 0 | .. | 1 | .. | .. | .. |
| Wakefield, | 6,266 | 4 | 0 | 1 | 1 | .. | 1 | .. |
| Provincetown, | 4,534 | 9 | 3 | .. | 2 | .. | .. | .. |
| Mansfield, | 3,009 | 4 | 0 | .. | .. | .. | .. | .. |
| Burlington, | 604 | 2 | 1 | .. | .. | .. | .. | .. |
| Wendell, | 527 | 2 | 1 | .. | .. | .. | .. | .. |
| Randolph, | 3,807 | 1 | 1 | .. | .. | .. | .. | .. |
| Hopkinton, | 3,922 | 1 | 0 | .. | .. | .. | .. | .. |
| No. Andover, | 3,509 | 1 | 0 | .. | .. | .. | .. | .. |
| Bradford, | 3,292 | .. | .. | .. | .. | .. | .. | .. |
| Conway, | 1,573 | .. | .. | .. | .. | .. | .. | .. |
| No. Heath, | 568 | .. | .. | .. | .. | .. | .. | .. |
| Total of reporting towns, | 119,939 | 137 | 38 | 21 | 20 | 13 | 5 | 3 |

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Oct. 8, 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE HOUSE, BOSTON
OCT 1 1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING OCT. 8, 1887.

### Deaths reported to the State Board of Health in 23 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From: Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
|---|---|---|---|---|---|---|---|---|
| Boston, | 395,924 | 182 | 72 | 23 | 30 | 7 | 6 | 9 |
| Worcester, | 71,033 | 29 | 12 | 2 | 6 | 2 | .. | .. |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 23 | 12 | 8 | 3 | 5 | 2 | 1 |
| Fall River, | 58,316 | 29 | 13 | 9 | 3 | 7 | 1 | 1 |
| Lynn, | 47,733 | 12 | 2 | 3 | 2 | 1 | 1 | 1 |
| Lawrence, | 39,299 | 12 | 5 | 2 | 2 | 1 | .. | 1 |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 18 | 8 | 3 | 1 | .. | 1 | 2 |
| Somerville, | 31,080 | 14 | 7 | 6 | 1 | .. | 1 | 1 |
| Salem, | 28,320 | 9 | 3 | 4 | 1 | 1 | 1 | 2 |
| Holyoke, | 29,791 | 7 | 0 | 1 | 2 | 1 | .. | .. |
| Chelsea, | 25,770 | 7 | 5 | 2 | .. | .. | .. | .. |
| Taunton, | 24,048 | 7 | 0 | 1 | 2 | .. | 1 | .. |
| Haverhill, | 22,862 | 7 | 3 | 4 | .. | .. | .. | 3 |
| Gloucester, | 22,344 | 7 | 2 | .. | .. | .. | .. | .. |
| Brockton, | 22,787 | 6 | 1 | .. | 1 | .. | .. | .. |
| Newton, | 20,207 | 5 | 1 | 1 | 1 | .. | .. | .. |
| Malden, | 17,247 | .. | .. | .. | .. | .. | .. | .. |
| Fitchburg, | 15,760 | 5 | 0 | 1 | 1 | 1 | .. | .. |
| Waltham, | 15,290 | 8 | 0 | 1 | 1 | .. | 1 | .. |
| Newburyport, | 13,756 | 7 | 0 | .. | 1 | .. | .. | .. |
| Northampton, | 13,103 | 2 | 1 | .. | 1 | .. | .. | .. |
| Quincy, | 12,775 | 6 | 3 | .. | .. | .. | .. | .. |
| Woburn, | 13,338 | 4 | 2 | .. | 1 | .. | .. | .. |
| Chicopee, | 11,976 | 4 | 2 | 1 | .. | 1 | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,808 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,029,379 | 410 | 154 | 72 | 60 | 27 | 15 | 21 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Seventy-two deaths were reported from the principal infectious diseases: diarrhœal diseases, 27; diphtheria and croup, 21; typhoid fever, 15; scarlet fever, 5; cerebro-spinal meningitis, 2; malarial fever, 1; whooping cough, 1.

No deaths were reported from small-pox.

There were 60 deaths from consumption; lung diseases, 49; still-births, 31.

From scarlet fever: Chelsea and Somerville, 2 each: Boston, 1. From cerebro-spinal meningitis: Somerville and Haverhill, 1 each. From malarial fever: Newton, 1. From whooping cough: Somerville, 1.

Deaths from the principal infectious diseases numbered 72 against 103 for the preceding week.

Deaths under five years of age numbered 154 against 135 for the preceding week.

Cases reported in Boston: typhoid fever, 48; scarlet fever, 46; diphtheria, 24; measles, 3.

The death rates for the week were: Boston, 23.89; Worcester, 21.17; Lowell, ——; Cambridge, 19.55; Fall River, 25.84; Lynn, 13.08; Lawrence, 15.84; Springfield, ——; New Bedford, 27.18; Somerville, 23.38; Salem, 16.56; Holyoke, 12.25; Chelsea, 14.07; Taunton, 15.12; Haverhill, 15.89; Gloucester, 16.31; Brockton, 13.68; Newton, 12.85; Malden, ——; Fitchburg, 16.15; Waltham, 27.20; Newburyport, 26.46; Northampton, 3.96.

The total death rate for the week was 20.71 against 19.26 and 23.31 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Oct. 8, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Sunday, Oct 2, | 29.82 | 61.0 | 69.0 | 57.0 | 94 | 76 | 91 | 87.0 | W. | S. W. | W. | 6 | 10 | 6 | O. | O. | C. | 2 | .05 |
| Monday, 3, | 29.70 | 58.0 | 69.0 | 53.0 | 91 | 97 | 97 | 95.0 | W. | S. W. | S. | 8 | 10 | 3 | O. | R. | T. | 5 | .08 |
| Tuesday, 4, | 29.55 | 59.0 | 70.0 | 51.0 | 97 | 53 | 85 | 98.0 | W. | S. | S. | 3 | 11 | 6 | G. | C. | O. | $1\frac{1}{2}$ | .02 |
| Wednes'y, 5, | 29.69 | 54.0 | 64.0 | 50.0 | 84 | 75 | 91 | 83.0 | W. | S. | S. W. | 10 | 5 | 3 | O. | F. | C. | | |
| Thursday, 6, | 29.92 | 57.0 | 66.0 | 48.0 | 83 | 58 | 71 | 71.0 | N. W. | N. W. | W. | 12 | 8 | 8 | C. | F. | O. | | |
| Friday, 7, | 30.04 | 64.0 | 73.0 | 55.0 | 77 | 86 | 60 | 74.0 | W. | W. | N. W. | 14 | 14 | 11 | C. | F. | F. | | |
| Saturday, 8, | 30.04 | 61.0 | 73.0 | 51.0 | 69 | 54 | 76 | 66.0 | N. W. | W. | S. E. | 8 | 6 | 1 | C. | F. | F. | | |
| Week, - - | 29.823 | 59.1 | | | | | | 82.0 | | | | | | | | | | $8\frac{1}{2}$ | .15 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

# Weekly Return of Mortality

OF

# MASSACHUSETTS.

Oct. 15, 1881

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY
OF
MASSACHUSETTS
MAY 27 1919

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING OCT. 15, 1887.

### Deaths reported to the State Board of Health in 22 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Scarlet Fever |
| Boston, | 395,924 | 165 | 52 | 28 | 23 | 8 | 8 | 8 |
| Worcester, | 71,033 | 25 | 17 | 7 | 1 | 3 | 3 | 1 |
| Lowell, | 65,967 | 28 | 14 | 10 | 3 | 6 | 2 | 1 |
| Cambridge, | 61,132 | .. | .. | .. | .. | .. | .. | .. |
| Fall River, | 58,316 | 18 | 9 | 3 | 2 | 3 | .. | .. |
| Lynn, | 47,733 | 13 | .. | .. | 4 | .. | .. | .. |
| Lawrence, | 39,299 | 18 | 4 | 2 | 2 | .. | .. | .. |
| Springfield, | 38,364 | 20 | 5 | 8 | 1 | 1 | 6 | .. |
| New Bedford, | 34,359 | 19 | 11 | 6 | 1 | 1 | 5 | .. |
| Somerville, | 31,080 | 9 | 2 | 3 | 1 | 2 | 1 | .. |
| Salem, | 28,320 | 20 | 7 | 5 | 4 | .. | 5 | .. |
| Holyoke, | 29,791 | 5 | 2 | .. | .. | .. | .. | .. |
| Chelsea, | 25,770 | 11 | 0 | 3 | .. | 2 | .. | .. |
| Taunton, | 24,048 | 7 | 1 | 2 | .. | .. | .. | .. |
| Haverhill, | 22,862 | 6 | 0 | 3 | .. | 1 | 2 | .. |
| Gloucester, | 22,344 | 7 | 1 | .. | 1 | .. | .. | .. |
| Brockton, | 22,787 | 3 | 1 | .. | .. | .. | .. | .. |
| Newton, | 20,207 | 4 | 1 | .. | .. | .. | .. | .. |
| Malden, | 17,247 | 4 | 1 | 1 | .. | .. | .. | .. |
| Fitchburg, | 15,760 | 10 | 5 | 1 | 1 | 1 | .. | .. |
| Waltham, | 15,290 | 6 | 2 | .. | .. | .. | .. | .. |
| Newburyport, | 13,756 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 2 | 1 | .. | 1 | .. | .. | .. |
| Woburn, | 13,338 | 2 | 1 | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,808 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,051,354 | 402 | 137 | 82 | 45 | 28 | 32 | 10 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Eighty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 32; diarrhœal diseases, 28; scarlet fever, 10; typhoid fever, 8; cerebro-spinal meningitis, 2; whooping cough, 1; puerperal fever, 1.

No deaths were reported from malarial fever and small-pox.

There were 45 deaths from consumption; lung diseases, 22; still-births, 24.

From typhoid fever: Boston, Lawerence, and Taunton, 2 each; Lowell and Malden, 1 each. From cerebro-spinal meningitis: Springfield and Chelsea, 1 each. From whooping cough: Boston, 1. From puerperal fever: Boston, 1.

Deaths from the principal infectious diseases numbered 82 against 72 for the preceding week.

Deaths under five years of age numbered 137 against 154 for the preceding week.

Epidemic diphtheria in Springfield; three (3) schools closed.

Cases reported in Boston: scarlet fever, 38; typhoid fever, 37; diphtheria, 23; and measles, 11.

The death rates for the week were: Boston, 21.66; Worcester, 18.25; Lowell, 22.12; Cambridge, ——; Fall River, 16.04; Lynn, 14.17; Lawrence, 23.76; Springfield, 27.00; New Bedford, 28.69; Somerville, 15.03; Salem 36.80; Holyoke, 8.75; Chelsea, 22.11; Taunton, 15.12; Haverhill, 13.62; Gloucester, 16.31; Brockton, 6.84; Newton, 10.28; Malden, 12.04; Fitchburg, 32.90; Waltham, 20.40; Newburyport, ——; Northampton, ——.

The total death rate for the week was 18.93 against 20.71 and 19.26 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Oct. 15, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Sunday, Oct 9, | 29.94 | 58.0 | 62.0 | 55.0 | 77 | 86 | 84 | 82.0 | N. E. | S. E. | S. | 4 | 8 | 5 | O. | O. | O. | $\frac{7}{60}$ | * T. |
| Monday, 10, | 29.81 | 62.0 | 66.0 | 58.0 | 92 | 89 | 92 | 91.0 | S. | E. | S. | 3 | 5 | 8 | F. | O. | C. | | |
| Tuesday, 11, | 29.71 | 50.0 | 64.0 | 45.0 | 100 | 67 | 79 | 82.0 | N. W. | N. W. | N. | 11 | 12 | 14 | R. | O. | O. | 12 | .76 |
| Wednes'y, 12, | 29.97 | 45.0 | 52.0 | 40.0 | 74 | 55 | 77 | 69.0 | W. | N. W. | W. | 8 | 12 | 8 | F. | F. | C. | | |
| Thursday, 13, | 29.95 | 52.0 | 62.0 | 39.0 | 65 | 44 | 88 | 66.0 | S. W. | S. W. | S. W. | 11 | 13 | 16 | F. | O. | C. | | |
| Friday, 14, | 29.99 | 47.0 | 56.0 | 43.0 | 85 | 53 | 70 | 69.0 | W. | N. W. | N. | 10 | 12 | 20 | C. | O. | C. | | |
| Saturday, 15, | 30.35 | 43.0 | 52.0 | 34.0 | 74 | 43 | 68 | 62.0 | N. W. | W. | W. | 12 | 14 | 8 | C. | C. | C. | | |
| Week, - - | 29.960 | 51.0 | 59.0 | 45.0 | | | | 74.4 | | | | | | | | | | $12\frac{7}{16}$ | .76 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow; * T., Trace.

# Weekly Return of Mortality

— OF —

# MASSACHUSETTS.

Oct 23, 1861

PUBLISHED BY ORDER OF THE

STATE BOARD OF HEALTH.

MAY 27 1919

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING OCT. 22, 1887.

### Deaths reported to the State Board of Health in 24 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Principal Infectious Diseases. | Deaths From Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Scarlet Fever |
|---|---|---|---|---|---|---|---|---|
| Boston, | 395,924 | 200 | 58 | 30 | 32 | 9 | 6 | 8 |
| Worcester, | 71,033 | 17 | 4 | 2 | 3 | .. | .. | 2 |
| Lowell, | 65,967 | 23 | 6 | 8 | 2 | 2 | 2 | 3 |
| Cambridge, | 61,132 | 20 | 7 | 3 | 2 | .. | 1 | 2 |
| Fall River, | 58,316 | 21 | 10 | 7 | 2 | 3 | .. | 2 |
| Lynn, | 47,733 | 7 | 0 | 2 | 1 | .. | .. | 2 |
| Lawrence, | 39,299 | 7 | 2 | 1 | 2 | .. | 1 | .. |
| Springfield, | 38,364 | 8 | 2 | 4 | .. | 1 | .. | 1 |
| New Bedford, | 34,359 | 20 | 9 | 7 | 2 | .. | .. | 7 |
| Somerville, | 31,080 | 10 | 3 | 2 | 1 | .. | 1 | 1 |
| Salem, | 28,320 | .. | .. | .. | .. | .. | .. | .. |
| Holyoke, | 29,791 | 7 | 0 | 1 | 1 | .. | 1 | .. |
| Chelsea, | 25,770 | 13 | 4 | 4 | .. | .. | .. | .. |
| Taunton, | 24,048 | 8 | 0 | 1 | 3 | .. | 1 | .. |
| Haverhill, | 22,862 | 7 | 2 | .. | 2 | .. | .. | .. |
| Gloucester, | 22,344 | 4 | 2 | .. | .. | .. | .. | .. |
| Brockton, | 22,787 | 7 | 2 | 1 | .. | .. | .. | 1 |
| Newton, | 20,207 | 6 | 1 | 1 | 1 | .. | 1 | .. |
| Malden, | 17,247 | 6 | 3 | .. | 2 | .. | .. | .. |
| Fitchburg, | 15,760 | 3 | 1 | .. | 1 | .. | .. | .. |
| Waltham, | 15,290 | 7 | 0 | .. | 2 | .. | .. | .. |
| Newburyport, | 13,756 | 8 | 0 | .. | 2 | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 6 | 3 | .. | 2 | .. | .. | .. |
| Woburn, | 13,338 | 2 | 0 | 1 | .. | .. | .. | .. |
| Chicopee, | 11,976 | 6 | 0 | 1 | .. | .. | .. | 1 |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,808 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,109,534 | 423 | 119 | 76 | 63 | 15 | 14 | 30 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 24 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Seventy-six deaths were reported from the principal infectious diseases: diphtheria and croup, 30; diarrhœal diseases, 15; typhoid fever, 14; scarlet fever, 9; cerebro-spinal meningitis, 6; measles, 1; puerperal fever, 1.

No deaths were reported from small-pox and malarial fevers.

There were 63 deaths from consumption; lung diseases, 32; still-births, 17.

From scarlet fever: Boston, 4; Chelsea, 3; Lowell and Woburn, 1 each. From cerebro-spinal meningitis: Fall River and Springfield, 2 each; Boston and Chelsea, 1 each. From measles: Boston, 1. From puerperal fevers, Boston, 1.

Deaths from the principal infectious diseases numbered 76 against 82 for the preceding week.

Deaths under five years of age numbered 119 against 137 for the preceding week.

Cases reported in Boston: scarlet fever, 57; typhoid fever, 22; diphtheria, 16; and measles, 3.

The death rates for the week were: Boston, 26.26; Worcester, 12.41; Lowell, 18.17; Cambridge, 17.00; Fall River, 18.71; Lynn, 7.63; Lawrence, 9.24; Springfield, 10.80; New Bedford, 30.20; Somerville, 16.70; Salem ——; Holyoke, 12.25; Chelsea, 26.13; Taunton, 17.28; Haverhill, 15.89; Gloucester, 9.32; Brockton, 15.96; Newton, 15.42; Malden, 18.06; Fitchburg, 9.87; Waltham, 23.80; Newburyport, 30.24; Northampton, ——.

The total death rate of reporting cities for the week was 19.82 against 18.93 and 20.71 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Oct. 22, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Sunday, Oct 16, | 30.33 | 50.0 | 63.0 | 35.0 | 52 | 33 | 79 | 55.0 | S. W. | S. W. | S. W. | 12 | 14 | 10 | C. | C. | C. | | |
| Monday, 17, | 30.17 | 58.0 | 69.0 | 45.0 | 86 | 55 | 94 | 78.0 | S. W. | S. W. | S. W. | 8 | 16 | 8 | O. | F. | C. | | |
| Tuesday, 18, | 29.96 | 61.0 | 71.0 | 56.0 | 89 | 70 | 80 | 80.0 | S. W. | N. W. | N. W. | 14 | 8 | 8 | F. | O. | O. | $\frac{1}{2}$ | .01 |
| Wednes'y, 19, | 30.00 | 48.0 | 57.0 | 46.0 | 83 | 83 | 85 | 84.0 | N. | E. | N. | 10 | 12 | 8 | O. | C. | C. | | |
| Thursday, 20, | 30.05 | 47.0 | 54.0 | 38.0 | 88 | 68 | 87 | 81.0 | N. | E. | S. E. | 8 | 12 | 10 | C. | O. | O. | | |
| Friday, 21, | 29.52 | 48.0 | 51.0 | 46.0 | 100 | 86 | 79 | 88.0 | E. | N. W. | W. | 24 | 18 | 24 | R. | O. | O. | 12 | .96 |
| Saturday, 22, | 29.90 | 42.0 | 48.0 | 38.0 | 71 | 68 | 73 | 71.0 | S. W. | W. | W. | 18 | 24 | 13 | C. | O. | O. | | |
| Week, - - | 29.990 | 50.6 | 59.0 | 43.0 | | | | 76.7 | | | | | | | | | | $12\frac{1}{2}$ | .97 |

* O., Cloudy; C., Clear: F., Fair: G., Fog: H., Hazy: S., Smoky: R., Rain; T., Threatening; N., Snow.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Oct. 29, 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS.
STATE HOUSE, BOSTON.
MAY 27 1919
CAT. 1387

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING OCT. 29, 1887.

### Deaths reported to the State Board of Health in 18 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From: Principal Infectious Diseases. | Consumption. | Typhoid Fever. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Boston, | 395,924 | 193 | 68 | 32 | 25 | 5 | 8 | 8 |
| Worcester, | 71,033 | 30 | 11 | 9 | 5 | 3 | 3 | .. |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 27 | 9 | 5 | 4 | 1 | 3 | 1 |
| Fall River, | 58,316 | 19 | 7 | 3 | 2 | 1 | .. | .. |
| Lynn, | 47,733 | 12 | 0 | .. | 3 | .. | .. | .. |
| Lawrence, | 39,299 | 16 | 5 | 1 | 7 | .. | .. | 1 |
| Springfield, | 38,364 | 11 | 7 | 7 | 1 | .. | 5 | 1 |
| New Bedford, | 34,359 | 12 | 0 | .. | 2 | .. | .. | .. |
| Somerville, | 31,080 | 14 | 7 | 4 | 3 | .. | .. | 3 |
| Salem, | 28,320 | .. | .. | .. | .. | .. | .. | .. |
| Holyoke, | 29,791 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,770 | 8 | 0 | 3 | 2 | .. | .. | 1 |
| Taunton, | 24,048 | 6 | 2 | .. | 1 | .. | .. | .. |
| Haverhill, | 22,862 | 11 | 2 | 2 | 1 | 1 | 1 | .. |
| Gloucester, | 22,344 | 11 | 3 | 1 | 2 | 1 | .. | .. |
| Brockton, | 22,787 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 20,207 | 5 | 1 | .. | 1 | .. | .. | .. |
| Malden, | 17,247 | 1 | 0 | .. | .. | .. | .. | .. |
| Fitchburg, | 15,760 | 2 | 0 | .. | .. | .. | .. | .. |
| Waltham, | 15,290 | 4 | 0 | .. | 3 | .. | .. | .. |
| Newburyport, | 13,756 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 8 | 3 | 2 | 2 | 1 | 1 | .. |
| Woburn, | 13,338 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,808 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Typhoid Fever. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 953,543 | 390 | 125 | 69 | 64 | 13 | 21 | 15 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 18 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Sixty-nine deaths were reported from the principal infectious diseases: diphtheria and croup, 21; scarlet fever, 15; typhoid fever, 13; diarrhœal diseases, 12; cerebro-spinal meningitis, 6; measles, 1; whooping cough, 1.

No deaths were reported from small-pox and malarial fevers.

There were 64 deaths from consumption; lung diseases, 37; still-births, 10.

From diarrhœal diseases: Boston, 8; Cambridge, 2; Somerville and Chelsea, 1 each. From cerebro-spinal meningitis: Worcester, 3; Boston, 2; Springfield, 1. From whooping cough: Boston, 1. From measles: Chelsea, 1.

Deaths from the principal infectious diseases numbered 69 against 76 for the preceding week.

Deaths under five years of age numbered 125 against 119 for the preceding week.

Cases reported in Boston: scarlet fever, 51; diphtheria, 26; typhoid fever, 26; measles, 10.

The death rates for the week were: Boston, 25.34; Worcester, 21.90; Lowell, ——; Cambridge, 22.95; Fall River, 16.93; Lynn, 13.08; Lawrence, 21.12; Springfield, 14.85; New Bedford, 18.12; Somerville, 23.38; Salem, ——; Holyoke, ——; Chelsea, 16.08; Taunton, 12.96; Haverhill, 24.97; Gloucester, 25.63; Brockton, ——; Newton, 12.85; Malden, 3.01; Fitchburg, 6.58; Waltham, 13.60; Newburyport, ——; Northampton, ——.

The total death rate for the week was 21.27 against 19.82 and 18.93 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Oct. 29, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Sunday, | Oct 23, | 30.20 | 44.0 | 52.0 | 31.0 | 69 | 40 | 82 | 64.0 | W. | W. | S. | 12 | 10 | 8 | C. | F. | C. | | |
| Monday, | 24, | 29.95 | 56.9 | 68.0 | 44.0 | 75 | 43 | 66 | 61.0 | S. W. | W. | W. | 24 | 22 | 14 | O. | O. | O. | 40/60 | * T. |
| Tuesday, | 25, | 30.33 | 43.0 | 47.0 | 40.0 | 63 | 66 | 77 | 69.0 | W. | S. W. | W. | 8 | 12 | 10 | O. | O. | F. | | |
| Wednes'y, | 26, | 30.51 | 39.0 | 44.0 | 32.0 | 72 | 72 | 88 | 77.0 | N. | N. E. | E. | 12 | 16 | 12 | C. | C. | O. | | |
| Thursday, | 27, | 30.46 | 44.0 | 46.0 | 39.0 | 76 | 65 | 85 | 75.0 | N. | S. E. | W. | 8 | 8 | 3 | F. | O. | O. | | |
| Friday, | 28, | 30.26 | 47.0 | 49.0 | 43.0 | 78 | 79 | 86 | 81.0 | N. W. | S. E. | S. E. | 3 | 8 | 2 | O. | O. | F. | | |
| Saturday, | 29, | 29.97 | 47.0 | 52.0 | 39.0 | 92 | 87 | 90 | 90.0 | N. | S. E. | S. E. | 4 | 12 | 7 | O. | C. | F. | | |
| Week, - - | | 30.560 | 45.7 | 51.0 | 39.0 | | | | 73.9 | | | | | | | | | | 40/60 | * T. |

* O., Cloudy; C., Clear: F., Fair; G., Fog: H., Hazy; S., Smoky: R., Rain; T., Threatening: N., Snow; * T., Trace of rainfall.

# Weekly Return of Mortality

— OF —

# MASSACHUSETTS.

Nov. 5, 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS
NOV 16 1887
MAY 27 1919

# MORTALITY OF MASSACHUSETTS

FOR THE WEEK ENDING NOV. 5, 1887.

## Deaths reported to the State Board of Health in 20 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From: Principal Infectious Diseases. | Consumption. | Typhoid Fever. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Boston, | 395,924 | 198 | 70 | 37 | 31 | 9 | 14 | 8 |
| Worcester, | 71,033 | 23 | 6 | 5 | 1 | 1 | 1 | .. |
| Lowell, | 65,967 | 21 | 6 | 4 | 5 | 1 | 1 | .. |
| Cambridge, | 61,132 | .. | .. | .. | .. | .. | .. | .. |
| Fall River, | 58,316 | 23 | 9 | 4 | 4 | 1 | 1 | 2 |
| Lynn, | 47,733 | 15 | 4 | 2 | 3 | .. | 2 | .. |
| Lawrence, | 39,299 | 8 | 1 | .. | 1 | .. | .. | .. |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 17 | 9 | 3 | 3 | 1 | 2 | .. |
| Somerville, | 31,080 | 9 | .. | 7 | .. | 2 | .. | 3 |
| Salem, | 28,320 | 11 | 4 | .. | 4 | .. | .. | .. |
| Holyoke, | 29,791 | 11 | 3 | 1 | 1 | 1 | .. | .. |
| Chelsea, | 25,770 | 12 | .. | 2 | 3 | .. | .. | .. |
| Taunton, | 24,048 | .. | .. | .. | .. | .. | .. | .. |
| Haverhill, | 22,862 | 4 | 2 | 2 | 1 | 1 | 1 | .. |
| Gloucester, | 22,344 | 3 | 1 | .. | .. | .. | .. | .. |
| Brockton, | 22,787 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 20,207 | 4 | 0 | .. | .. | .. | .. | .. |
| Malden, | 17,247 | 8 | 1 | 2 | 2 | .. | .. | 1 |
| Fitchburg, | 15,760 | 4 | 1 | .. | .. | .. | .. | .. |
| Waltham, | 15,290 | 1 | 0 | .. | .. | .. | .. | .. |
| Newburyport, | 13,756 | 6 | 1 | 1 | .. | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 6 | 1 | 1 | 1 | .. | 1 | .. |
| Woburn, | 13,338 | 1 | 1 | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,808 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Typhoid Fever | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 979,911 | 385 | 120 | 71 | 60 | 17 | 23 | 16 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 20 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Seventy-one deaths were reported from the principal infectious diseases: diphtheria and croup, 23; diarrhœal diseases, 17; scarlet fever, 16; typhoid fever, 11; cerebro-spinal meningitis, 2; whooping cough, 1; erysipelas, 1.

No deaths were reported from small-pox, malarial fevers and measles.

There were 60 deaths from consumption; lung diseases, 40; still-births, 20.

From typhoid fever: Boston, 6; Worcester and Lowell, 2 each; Malden, 1. From cerebro-spinal meningitis: Worcester and Somerville, 1 each. From whooping cough: Somerville 1. From erysipelas: Newburyport, 1.

Deaths from the principal infectious diseases numbered 71 against 76 for the preceding week.

Deaths under five years of age numbered 120 against 119 for the preceding week.

Cases reported in Boston: scarlet fever, 78; diphtheria, 25; typhoid fever, 14; and measles, 6.

The death rates for the week were: Boston, 25.99; Worcester, 16.79; Lowell, 16.59; Cambridge, ——; Fall River, 20.49; Lynn, 16.35; Lawrence, 10.56; Springfield, ——; New Bedford, 25.67; Somerville, 15.03; Salem, 20.24; Holyoke, 19.25; Chelsea, 24.02; Taunton, ——; Haverhill, 9.18; Gloucester, 6.99; Brockton, ——; Newton, 10.28; Malden, 24.08; Fitchburg, 13.16; Waltham, 3.40; Newburyport, 22.68; Northampton, ——.

The total death rate for the week was 20.42 against 19.82 and 18.93 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROMETER. | THERMOMETER. | | | RELATIVE HUMIDITY. | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Nov. 5, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Sunday, Oct. 30. | 30.02 | 39.0 | 49.0 | 34.0 | 77 | 92 | 90 | 86.0 | N. W. | N. | N. W. | 12 | 12 | 12 | F. | O. | F. | | |
| Monday, 31. | 29.95 | 38.9 | 45.0 | 27.0 | 78 | 59 | 69 | 69.0 | N. W. | S. E. | N. | 8 | 4 | 15 | C. | O. | C. | | |
| Tuesday, Nov. 1. | 30.09 | 38.0 | 42.0 | 35.0 | 76 | 51 | 68 | 65.0 | N. | N. | N. | 12 | 24 | 14 | O. | F. | C. | | |
| Wednes'y, 2. | 29.96 | 44.0 | 56.0 | 28.0 | 65 | 28 | 45 | 46.0 | N. | W. | W. | 8 | 6 | 14 | C. | C. | C. | | |
| Thursday, 3. | 30.01 | 45.0 | 54.0 | 42.0 | 45 | 79 | 85 | 70.0 | W. | E. | S. | 12 | 12 | 8 | C. | C. | C. | | |
| Friday, 4. | 29.71 | 53.0 | 66.0 | 43.0 | 100 | 53 | 69 | 74.0 | S. | S. W. | W. | 8 | 24 | 24 | C. | F. | C. | | |
| Saturday, 5. | 30.08 | 33.0 | 49.0 | 32.0 | 65 | 30 | 70 | 55.0 | W. | N. W. | N. W. | 12 | 24 | 6 | C. | C. | C. | | |
| Week, - - | 29.974 | 41.4 | 51.0 | 33.0 | | | | 66.4 | | | | | | | | | | | |

* O., Cloudy: C., Clear: F., Fair: G., Fog: H., Hazy: S., Smoky: R., Rain: T., Threatening: N., Snow.

# MONTHLY MORTALITY

In the 33 smaller towns of Massachusetts as reported to the State Board of Health for the month of October.

The total death-rate of reporting towns for the month was 12.55.

| TOWNS. | Population. | Reported Deaths in each. | Deaths under five years of age. | Deaths from Infectious Diseases. | Consumption. | Typhoid Fever. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Brookline, | 9,648 | 6 | 3 | 1 | .. | 1 | .. | .. |
| Stoneham, | 5,967 | 4 | 0 | 1 | 1 | .. | .. | .. |
| Andover, | 5,927 | 5 | 1 | .. | 1 | .. | .. | .. |
| Middleborough, | 5,137 | 10 | 2 | 2 | 3 | 1 | .. | .. |
| Winchester, | 4,706 | 4 | 0 | 1 | 2 | 1 | .. | .. |
| West Springfield, | 4,568 | 5 | 1 | .. | 2 | .. | .. | .. |
| Hingham, | 4,331 | 6 | 0 | .. | 1 | .. | .. | .. |
| Amherst, | 4,159 | 8 | 1 | .. | 1 | .. | .. | .. |
| Braintree, | 4,114 | 5 | 2 | .. | .. | .. | .. | .. |
| Whitman, | 3,825 | 2 | 0 | .. | 1 | .. | .. | .. |
| Leicester, | 2,981 | 3 | 0 | .. | .. | .. | .. | .. |
| Nantucket, | 2,912 | 6 | 0 | .. | 1 | .. | .. | .. |
| Fairhaven, | 2,880 | 3 | 0 | .. | .. | .. | .. | .. |
| Wrentham, | 2,802 | 2 | 1 | 1 | .. | .. | .. | 1 |
| Swampscott, | 2,459 | 1 | 0 | .. | .. | .. | .. | .. |
| Merrimac, | 2,454 | 2 | 1 | .. | 1 | .. | .. | .. |
| Cohasset, | 2,230 | 3 | 1 | 1 | 1 | .. | .. | .. |
| Groton, | 2,037 | 1 | 0 | .. | .. | .. | .. | .. |
| Longmeadow, | 1,787 | 1 | 0 | .. | 1 | .. | .. | .. |
| Norton, | 1,718 | 2 | 0 | .. | 1 | .. | .. | .. |
| Shrewsbury, | 1,450 | 2 | 1 | .. | .. | .. | .. | .. |
| Topsfield, | 1,141 | .. | .. | .. | .. | .. | .. | .. |
| Enfield, | 1,010 | 2 | 0 | .. | .. | .. | .. | .. |
| Truro, | 972 | 1 | 0 | .. | .. | .. | .. | .. |
| Rutland, | 963 | 1 | 0 | .. | 1 | .. | .. | .. |
| Melrose, | 6,717 | 4 | 2 | 1 | .. | .. | .. | 1 |
| Wakefield, | 6,266 | 8 | 1 | .. | 1 | .. | .. | .. |
| Provincetown, | 4,534 | 3 | 1 | .. | 1 | .. | .. | .. |
| Randolph, | 3,807 | 4 | 1 | .. | .. | .. | .. | .. |
| Hopkinton, | 3,922 | .. | .. | .. | .. | .. | .. | .. |
| No. Andover, | 3,509 | 7 | 2 | 4 | 2 | 3 | 1 | .. |
| Bradford, | 3,292 | .. | .. | .. | .. | .. | .. | .. |
| Conway, | 1,573 | 2 | 0 | .. | .. | .. | .. | .. |
| No. Heath, | 568 | 3 | 0 | 3 | .. | .. | 3 | .. |
| Mansfield, | 3,009 | 1 | 0 | .. | .. | .. | .. | .. |
| Concord, | 3,727 | 3 | 0 | .. | 1 | .. | .. | .. |
| Total of reporting towns, | 114,747 | 120 | 21 | 15 | 23 | 6 | 4 | 2 |

# Weekly Return of Mortality

— OF —

# MASSACHUSETTS.

Nov. 12, 1887

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY
OF
MASSACHUSETTS
MAY 27 1919
1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING NOV. 12, 1887.

### Deaths reported to the State Board of Health in 21 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Scarlet Fever. |
| Boston, | 395,924 | 194 | 73 | 38 | 28 | 5 | 16 | 13 |
| Worcester, | 71,033 | 19 | 10 | 4 | .. | 1 | 2 | .. |
| Lowell, | 65,967 | 32 | 7 | 4 | 6 | .. | 2 | .. |
| Cambridge, | 61,132 | 20 | 7 | 6 | 3 | .. | 4 | 1 |
| Fall River, | 58,316 | 19 | 8 | 8 | 3 | 4 | 2 | .. |
| Lynn, | 47,733 | 11 | 4 | 1 | 5 | .. | 1 | .. |
| Lawrence, | 39,299 | .. | .. | .. | .. | .. | .. | .. |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 10 | 0 | 1 | .. | .. | 1 | .. |
| Somerville, | 31,080 | 16 | 4 | 5 | 2 | .. | .. | 3 |
| Salem, | 28,320 | 10 | 3 | 1 | 3 | 1 | .. | .. |
| Holyoke, | 29,791 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,770 | .. | .. | .. | .. | .. | .. | .. |
| Taunton, | 24,048 | 7 | 4 | 2 | .. | .. | 2 | .. |
| Haverhill, | 22,862 | 7 | 3 | 3 | 1 | .. | 2 | .. |
| Gloucester, | 22,344 | 5 | 3 | .. | .. | .. | .. | .. |
| Brockton, | 22,787 | 7 | 2 | .. | .. | .. | .. | .. |
| Newton, | 20,207 | 8 | 1 | 1 | 1 | 1 | .. | .. |
| Malden, | 17,247 | 5 | 1 | 1 | .. | .. | 1 | .. |
| Fitchburg, | 15,760 | 7 | 3 | .. | 1 | .. | .. | .. |
| Waltham, | 15,290 | 4 | 0 | .. | 1 | .. | .. | .. |
| Newburyport, | 13,756 | 8 | 1 | 1 | 2 | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 4 | 1 | 1 | .. | .. | 1 | .. |
| Woburn, | 13,338 | 3 | 0 | .. | 1 | .. | .. | .. |
| Chicopee, | 11,976 | 7 | 1 | 1 | 2 | .. | .. | 1 |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,808 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,004,630 | 403 | 136 | 78 | 59 | 12 | 34 | 18 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 21 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Seventy-eight deaths were reported from the principal infectious diseases: diphtheria and croup, 34; scarlet fever, 18; diarrhœal diseases, 12; typhoid fever, 9; cerebro-spinal meningitis, 4; erysipelas, 1.

No deaths were reported from small-pox, malarial fevers and measles.

There were 59 deaths from consumption; acute lung diseases, 55; still-births, 20.

From typhoid fever: Boston, 4; Lowell, 2; Cambridge, Fall River and New Bedford, 1 each. From cerebro-spinal meningitis: Worcester, Fall River, Haverhill and Newburyport, 1 each. From erysipelas: Somerville, 1.

Deaths from the principal infectious diseases numbered 78 against 71 for the preceding week.

Deaths under five years of age numbered 136 against 120 for the preceding week.

Cases reported in Boston: scarlet fever, 73; diphtheria, 25; typhoid fever, 22; and measles, 6.

The death rates for the week were: Boston, 25.47; Worcester, 13.87; Lowell, 25.28; Cambridge, 17.00; Fall River, 16.93; Lynn, 11.99; Lawrence, ——; Springfield, ——; New Bedford, 15.10; Somerville, 26.72: Salem, 18.40; Holyoke, ——; Chelsea, ——; Taunton, 15.12; Haverhill, 15.89; Gloucester, 11.65; Brockton, 15.96: Newton, 20.56; Malden, 15.05; Fitchburg, 23.03; Waltham, 13.60; Newburyport, 30.24; Northampton, ——.

The total death rate for the week was 20.85 against 20.42 and 19.82 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Nov. 12, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Sunday, Nov. 6, | 30.15 | 42.0 | 51.0 | 28.0 | 69 | 55 | 71 | 65.0 | W. | S. W. | S. W. | 12 | 12 | 16 | O. | F. | C. | | |
| Monday, 7, | 29.94 | 55.0 | 69.0 | 44.0 | 65 | 43 | 74 | 61.0 | S. W. | S. W. | S. W. | 16 | 13 | 12 | F. | C. | C. | | |
| Tuesday, 8, | 29.99 | 49.0 | 63.0 | 39.0 | 53 | 47 | 63 | 16.0 | W. | N. | N. W. | 12 | 18 | 14 | O. | F. | C. | | |
| Wednes'y, 9, | 30.28 | 36.0 | 45.0 | 26.0 | 67 | 36 | 64 | 56.0 | N. | W. | W. | 12 | 6 | 8 | C. | C. | C. | | |
| Thursday, 10, | 29.83 | 43.0 | 50.0 | 30.0 | 53 | 63 | 100 | 72.0 | W. | S. | S. E. | 2 | 10 | 16 | O. | O. | R. | 7 | .82 |
| Friday, 11, | 29.28 | 37.0 | 48.0 | 36.0 | 82 | 76 | 96 | 85.0 | W. | W. | W. | 18 | 15 | 15 | O. | O. | N. | 1 | †T. |
| Saturday, 12, | 29.38 | 38.0 | 43.0 | 34.0 | 83 | 60 | 86 | 76.0 | N. W. | N. W. | N. W. | 24 | 24 | 15 | C. | O. | C. | | |
| Week, - - | 29.864 | 42.9 | 54.0 | 34.0 | | | | 61.6 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

† Trace of rainfall or snowfall.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Nov. 19, 1887.

PUBLISHED BY ORDER OF THE

STATE BOARD OF HEALTH.

LIBRARY
MAY 27 1919

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING NOV. 19, 1887.

### Deaths reported to the State Board of Health in 22 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute lung diseases. | Typhoid fever. | Diphtheria and Croup. | Scarlet Fever. |
| Boston, | 395,924 | 190 | 55 | 25 | 49 | 4 | 7 | 10 |
| Worcester, | 71,033 | 23 | 11 | 6 | 4 | .. | 5 | .. |
| Lowell, | 65,967 | 32 | 6 | 6 | 4 | .. | 2 | 1 |
| Cambridge, | 61,132 | 25 | 14 | 5 | 6 | .. | 2 | 3 |
| Fall River. | 58,316 | 21 | 11 | 3 | .. | .. | 3 | .. |
| Lynn, | 47,733 | 17 | 6 | 4 | .. | .. | 2 | 1 |
| Lawrence, | 39,299 | 14 | 5 | 2 | 2 | 2 | .. | .. |
| Springfield, | 38,364 | 13 | 4 | 2 | 1 | .. | .. | .. |
| New Bedford, | 34,359 | 10 | 4 | 4 | .. | .. | 4 | .. |
| Somerville, | 31,080 | 19 | 8 | 7 | 4 | 1 | 1 | 2 |
| Salem, | 28,320 | 12 | 4 | 1 | .. | .. | 1 | .. |
| Holyoke. | 29,791 | 7 | 2 | 2 | 2 | 1 | 1 | .. |
| Chelsea. | 25,770 | 9 | 1 | 4 | 1 | .. | .. | 2 |
| Taunton, | 24,048 | 10 | 2 | 3 | 1 | 2 | 1 | .. |
| Haverhill, | 22,862 | .. | .. | .. | .. | .. | .. | .. |
| Gloucester, | 22,344 | 8 | 3 | 1 | .. | .. | .. | .. |
| Brockton, | 22,787 | 5 | 1 | .. | 2 | .. | .. | .. |
| Newton, | 20,207 | .. | .. | .. | .. | .. | .. | .. |
| Malden, | 17,247 | 7 | 1 | .. | 1 | .. | .. | .. |
| Fitchburg, | 15,760 | 7 | 1 | .. | .. | .. | .. | .. |
| Waltham, | 15,290 | 7 | 4 | 2 | .. | .. | 1 | .. |
| Newburyport, | 13,756 | 7 | 0 | .. | 1 | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 7 | 2 | 2 | 2 | .. | 2 | .. |
| Woburn, | 13,338 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | 6 | 1 | 1 | 3 | .. | 1 | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Weymouth, | 10,808 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Acute lung diseases. | Typhoid fever. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,082,707 | 456 | 146 | 80 | 83 | 10 | 33 | 19 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Eighty deaths were reported from the principal infectious diseases: diphtheria and croup, 33: scarlet fever, 19; typhoid fever, 10; diarrhœal diseases, 8; cerebro-spinal meningitis, 5; measles, 2: puerperal ever, 2; whooping cough, 1.

No deaths were reported from small-pox and malarial fevers

There were 83 deaths from acute lung diseases; consumption, 68; still-births, 28.

From diarrhœal diseases: Lowell, 3; Boston, 2; Springfield, Gloucester and Waltham, 1 each. From cerebro-spinal meningitis: Somerville, 3; Worcester and Lynn, 1 each. From measles: Boston and Chelsea. 1 each. From puerperal fever: Springfield and Chelsea, 1 each. From whooping cough: Boston, 1.

Deaths from the principal infectious diseases numbered 80 against 78 for the preceding week.

Deaths under five years of age numbered 146 against 136 for the preceding week.

Cambridge reports 20 cases of scarlet fever for the week.

Cases reported in Boston: scarlet fever, 68; diphtheria, 16; typhoid fever, 14; and measles, 5.

The death rates for the week were: Boston, 24.95; Worcester, 16.79; Lowell, 25.28; Cambridge, 21.25: Fall River, 18.71; Lynn, 18.53; Lawrence, 18.48; Springfield, 17.55; New Bedford, 15.10; Somerville, 31.73; Salem, 22.08; Holyoke, 12.25; Chelsea, 18.09; Taunton, 21.60; Haverhill, ——; Gloucester, 18.64; Brockton, 11.40; Newton, ——; Malden, 21.07; Fitchburg, 23.03; Waltham, 23.80; Newburyport, 26.53; Northampton, ——.

The total death rate for the week was 21.90 against 20.85 and 20.42 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Nov. 19, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Nov. | | | | | | | | | | | | | | | | | | | |
| Sunday, 13, | 29.96 | 40.0 | 48.0 | 32.0 | 77 | 66 | 74 | 72.0 | N. W. | N. W. | W. | 7 | 8 | 8 | F. | C. | C. | | |
| Monday, 14, | 30.05 | 42.0 | 48.0 | 32.0 | 77 | 69 | 85 | 77.0 | W. | S. | S. | 5 | 6 | 6 | O. | O. | F. | | |
| Tuesday, 15, | 29.41 | 48.0 | 52.0 | 40.0 | 100 | 87 | 92 | 93.0 | E. | W. | W. | 14 | 10 | 10 | R. | O. | F. | 12. | .97 |
| Wednes'y, 16, | 29.52 | 40.0 | 46.0 | 34.0 | 87 | 81 | 83 | 84.0 | N. W. | N. W. | W. | 18 | 24 | 18 | O. | F. | C. | 2. | .03 |
| Thursday, 17, | 29.70 | 45.0 | 54.0 | 36.0 | 76 | 63 | 65 | 68.0 | S. W. | S. W. | W. | 6 | 24 | 14 | O. | C. | C. | | |
| Friday, 18, | 30.05 | 41.0 | 48.0 | 35.0 | 65 | 40 | 58 | 54.0 | S. W. | W. | S.W. | 12 | 16 | 10 | O. | F. | C. | | |
| Saturday, 19, | 29.69 | 45.0 | 50.0 | 34.0 | 75 | 100 | 100 | 92.0 | S. | E. | S. | 4 | 24 | 6 | F. | Lt.R | G. | 8. | .14 |
| Week, - - | 29.769 | 43.0 | 49.0 | 35.0 | | | | 77.1 | | | | | | | | | | 22. | 1.14 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Nov. 26, 1887.

PUBLISHED BY ORDER OF THE

STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
DEC 5 1887
MAY 20 1919

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING NOV. 26, 1887.

### Deaths reported to the State Board of Health in 23 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Acute lung diseases. | Typhoid fever. | Diphtheria and Croup. | Scarlet Fever |
| Boston, | 395,924 | 189 | 56 | 34 | 29 | 3 | 8 | 17 |
| Worcester, | 71,033 | 20 | 8 | 1 | 6 | .. | .. | .. |
| Lowell, | 65,967 | 23 | 7 | 3 | 4 | .. | .. | .. |
| Cambridge, | 61,432 | 28 | 9 | 5 | 3 | 2 | 3 | .. |
| Fall River, | 58,316 | 26 | 9 | 3 | .. | 1 | .. | .. |
| Lynn, | 47,733 | 23 | 1 | 4 | 3 | .. | 3 | .. |
| Lawrence, | 39,299 | 10 | 6 | 1 | .. | .. | .. | 1 |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 8 | 3 | 3 | 2 | .. | 2 | 1 |
| Somerville, | 31,080 | 11 | 3 | 4 | 4 | .. | .. | 4 |
| Salem, | 28,320 | 12 | 5 | 2 | 3 | .. | 2 | .. |
| Holyoke, | 29,791 | 7 | 4 | .. | 3 | .. | .. | .. |
| Chelsea, | 25,770 | 10 | 2 | 2 | .. | .. | .. | 1 |
| Taunton, | 24,048 | .. | .. | .. | .. | .. | .. | .. |
| Haverhill, | 22,862 | 15 | 6 | 7 | 3 | 3 | 2 | .. |
| Gloucester, | 22,344 | 10 | 3 | 1 | .. | .. | 1 | .. |
| Brockton, | 22,787 | 5 | 0 | .. | .. | .. | .. | .. |
| Newton, | 20,207 | 7 | 3 | .. | 1 | .. | .. | .. |
| Malden, | 17,247 | 9 | 4 | 1 | 2 | 1 | .. | .. |
| Fitchburg, | 15,760 | 8 | 2 | 2 | 1 | .. | 2 | .. |
| Waltham, | 15,290 | 6 | 2 | 2 | 1 | .. | 2 | .. |
| Newburyport, | 13,756 | 6 | 1 | 2 | .. | 1 | 1 | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 3 | 1 | 2 | 1 | .. | 2 | .. |
| Woburn, | 13,338 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | 4 | 2 | .. | .. | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Pittsfield, | 14,966 | 4 | 0 | 1 | .. | .. | 1 | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Acute lung diseases. | Typhoid fever. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,078,330 | 444 | 137 | 80 | 66 | 11 | 29 | 24 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 23 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Eighty deaths were reported from the principal infectious diseases: diphtheria and croup, 29; scarlet fever, 24; typhoid fever, 11; diarrhœal diseases, 10; cerebro-spinal meningitis, 3; puerperal fever, 2; whooping cough, 1.

No deaths were reported from small-pox, malarial fever, measles and erysipelas.

There were 66 deaths from acute lung diseases; consumption, 52; still-births, 22.

From diarrhœal diseases: Boston, 5; Lowell, and Haverhill, 1 each; Fall River, 1. From cerebro-spinal meningitis: Worcester, Lowell and Fall River, 1 each. From puerperal fever: Lynn and Chelsea, 1 each. From whooping cough: Boston, 1.

Deaths from the principal infectious diseases numbered 80, the same as the preceding week.

Deaths under five years of age numbered 137 against 146 for the preceding week.

Cases reported in Boston: scarlet fever, 64; diphtheria, 21; typhoid fever, 12; and measles, 11.

The death rates for the week were: Boston, 24.82; Worcester, 14.60; Lowell, 18.16; Cambridge, 23.80; Fall River, 23.17; Lynn, 25.07; Lawrence, ——; Springfield, ——; New Bedford, 12.08; Somerville, 18.37; Salem, 22.08; Holyoke, 12.25; Chelsea, 20.10; Taunton, ——; Haverhill, 36.05; Gloucester, 23.30; Brockton, 11.40; Newton, 17.99; Malden, 27.09; Fitchburg, 26.32; Waltham, 20.40; Newburyport, 22.68; Northampton, ——.

The total death rate for the week was 21.41 against 21.90 and 20.85 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Nov. 26, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Nov. | | | | | | | | | | | | | | | | | | | |
| Sunday, 20, | 29.55 | 41.0 | 54.7 | 34.8 | 92 | 79 | 91 | 87.3 | S. W. | S. W. | W. | 9 | 14 | 12 | O. | O. | C. | | |
| Monday, 21, | 29.92 | 32.0 | 38.6 | 25.4 | 76 | 87 | 90 | 84.3 | W. | W. | W. | 12 | 12 | 12 | F. | O. | C. | | |
| Tuesday, 22, | 30.25 | 37.7 | 45.2 | 29.0 | 79 | 82 | 75 | 78.7 | W. | S. E. | S. W. | 8 | 3 | 4 | C. | C. | C. | | |
| Wednes'y, 23, | 30.23 | 45.0 | 52.6 | 34.9 | 75 | 62 | 85 | 74.0 | S. W. | S. W. | W. | 7 | 10 | 8 | O. | O. | O. | | |
| Thursday, 24, | 30.42 | 39.7 | 45.0 | 37.3 | 84 | 92 | 88 | 88.0 | N. | N. E. | E. | 12 | 12 | 18 | O. | O. | O. | | |
| Friday, 25, | 30.36 | 37.7 | 44.0 | 39.0 | 92 | 100 | 100 | 97.3 | S. E. | N. | N. W. | 12 | 6 | 5 | R. | G. | G. | | |
| Saturday, 26, | 30.32 | 47.3 | 60.1 | 34.3 | 39 | 50 | 46 | 91.7 | W. | S. W. | S. W. | 3 | 5 | 2 | G. | F. | C. | | |
| Week, - - | 30.15 | | 48.6 | 33.5 | | | | 85.9 | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy: S., Smoky; R., Rain; T., Threatening; N., Snow.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Dec. 3, 1887

PUBLISHED BY ORDER OF THE

STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS
STATE HOUSE
MAY 27 1919
CANCELLED
BY
DEC 1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING DEC. 3, 1887.

### Deaths reported to the State Board of Health in 20 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From: Principal Infectious Diseases. | Acute lung diseases. | Typhoid fever. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Boston, | 395,924 | 197 | 51 | 32 | 34 | 2 | 10 | 15 |
| Worcester, | 71,033 | 27 | 5 | 3 | 3 | .. | 3 | .. |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 26 | 7 | 4 | 3 | .. | 3 | 1 |
| Fall River, | 58,316 | 24 | 13 | 12 | 2 | 2 | 2 | 1 |
| Lynn, | 47,733 | 11 | 3 | 3 | 1 | .. | 2 | 1 |
| Lawrence, | 39,299 | 16 | 6 | 2 | 1 | 2 | .. | .. |
| Springfield, | 38,364 | 15 | 3 | 4 | .. | 1 | 3 | .. |
| New Bedford, | 34,359 | 14 | 6 | 6 | 1 | 1 | 5 | .. |
| Somerville, | 31,080 | 10 | 4 | .. | 5 | .. | .. | .. |
| Salem, | 28,320 | 15 | 3 | .. | 4 | .. | .. | .. |
| Holyoke, | 29,791 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,770 | 9 | 3 | .. | 3 | .. | .. | .. |
| Taunton, | 24,048 | 11 | 3 | 3 | 3 | 2 | .. | .. |
| Haverhill, | 22,862 | 7 | 4 | 5 | .. | .. | 5 | .. |
| Gloucester, | 22,344 | 6 | 1 | .. | .. | .. | .. | .. |
| Brockton, | 22,787 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 20,207 | 7 | 4 | .. | .. | .. | .. | .. |
| Malden, | 17,247 | 9 | 1 | 2 | 2 | 1 | .. | 1 |
| Fitchburg, | 15,760 | 4 | 2 | 1 | 1 | .. | 1 | .. |
| Waltham, | 15,290 | 6 | 0 | .. | .. | .. | .. | .. |
| Newburyport, | 13,756 | .. | .. | .. | .. | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 6 | 2 | 2 | .. | .. | 2 | .. |
| Woburn, | 13,338 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | 2 | 0 | .. | 1 | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Pittsfield, | 14,966 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Acute lung diseases. | Typhoid fever. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 993,475 | 422 | 121 | 79 | 64 | 11 | 36 | 19 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 20 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Seventy-nine deaths were reported from the principal infectious diseases: diphtheria and croup, 36; scarlet fever, 19; typhoid fever, 11; diarrhœal diseases, 6; cerebro-spinal meningitis, 2; whooping cough, 2; erysipelas, 2; puerperal fever, 1.

No deaths were reported from small-pox, malarial fever, and measles.

There were 64 deaths from acute lung diseases; consumption, 58; still-births, 18.

From diarrhœal diseases: Fall River, 3; Boston, 2; Taunton, 1. From cerebro-spinal meningitis: Fall River, 2. From whooping cough: Boston, 2. From erysipelas: Fall River, 2. From puerperal fever: Boston, 1.

Deaths from the principal infectious diseases numbered 79 against 80 for the preceding week.

Deaths under five years of age numbered 121 against 137 for the preceding week.

Cases reported in Boston: scarlet fever, 72; diphtheria, 38; typhoid fever, 18; and measles, 3.

The death rates for the week were: Boston, 25.87; Worcester, 19.71; Lowell, ——; Cambridge, 22.10; Fall River, 21.38; Lynn, 11.99; Lawrence, 21.12; Springfield, 20.25; New Bedford, 21.14; Somerville, 16.70; Salem, 27.60; Holyoke, ——; Chelsea, 18.09; Taunton, 23.76; Haverhill, 15.89; Gloucester, 13.98; Brockton, ——; Newton, 17.99; Malden, 27.09; Fitchburg, 13.16; Waltham, 20.49; Newburyport, ——; Northampton,——.

The total death rate for the week was 22.08 against 21.41 and 21.90 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Dec. 3, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Sunday, Nov. 27, | 30.28 | 55.3 | 67.3 | 40.3 | 100 | 76 | 94 | 90.0 | S. W. | S. W. | S. | 1 | 12 | 6 | G. | C. | C. | | |
| Monday, 28, | 30.21 | 49.7 | 68.0 | 38.8 | 94 | 100 | 88 | 94.0 | S. | N. W. | N. W. | 16 | 18 | 12 | O. | R. | O. | | |
| Tuesday, 29, | 30.57 | 29.0 | 40.0 | 24.9 | 73 | 70 | 82 | 75.0 | N. | N. W. | N. | 16 | 11 | 14 | C. | C. | C. | | |
| Wednes'y, 30, | 30.72 | 20.0 | 29.0 | 12.0 | 80 | 76 | 74 | 76.7 | N. | N. | N. | 8 | 24 | 12 | C. | C. | C. | | |
| Thursday, Dec. 1, | 30.93 | 15.7 | 20.0 | 6.7 | 79 | 71 | 86 | 78.7 | N. | N. E. | N. | 12 | 11 | 10 | F. | C. | F. | —— | |
| Friday, 2, | 30.70 | 25.7 | 33.8 | 13.5 | 83 | 89 | 90 | 87.3 | N. W. | N. W. | S. E. | 8 | 6 | 12 | O. | O. | O. | | 13 hours. |
| Saturday, 3, | 30.44 | 40.7 | 47.0 | 33.3 | 92 | 85 | 96 | 91.0 | S. | N. | N. | 6 | 6 | 8 | R. | O. | C. | | .02 |
| Week, - - | | | 43.6 | 32.8 | | | | | | | | | | | | | | | |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

# MONTHLY MORTALITY

## In the 33 smaller towns of Massachusetts as reported to the State Board of Health for the month of November.

The total death-rate of reporting towns for the month was 10.48.

| TOWNS. | Population. | Reported Deaths in each. | Deaths under five years of age. | Deaths from | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Typhoid Fever. | Diphtheria and Croup. |
| Brookline, | 9,648 | 8 | 5 | .. | .. | .. | .. | .. |
| Hyde Park, | 8,890 | 2 | 0 | .. | 1 | .. | .. | .. |
| Stoneham, | 5,967 | 4 | 1 | .. | 3 | .. | .. | .. |
| Andover, | 5,927 | 2 | 0 | .. | .. | .. | .. | .. |
| Middleborough, | 5,137 | 9 | 0 | 1 | 1 | .. | .. | .. |
| Winchester, | 4,706 | 2 | 0 | .. | .. | .. | .. | .. |
| West Springfield, | 4,568 | 3 | 2 | 2 | .. | .. | .. | 2 |
| Hingham, | 4,331 | 9 | 0 | .. | 1 | .. | .. | .. |
| Amherst, | 4,159 | 4 | 0 | .. | 3 | .. | .. | .. |
| Braintree, | 4,114 | 3 | 0 | .. | .. | .. | .. | .. |
| Whitman, | 3,825 | 2 | 0 | .. | 2 | .. | .. | .. |
| Leicester, | 2,981 | 2 | 0 | .. | 1 | .. | .. | .. |
| Nantucket, | 2,912 | 2 | 0 | .. | .. | .. | .. | .. |
| Fairhaven, | 2,880 | 3 | 0 | 2 | .. | .. | .. | 2 |
| Ashland, | 2,729 | 3 | 0 | .. | 1 | .. | .. | .. |
| Swampscott, | 2,459 | 1 | 0 | .. | 1 | .. | .. | .. |
| Merrimac, | 2,454 | 2 | 1 | 1 | .. | .. | .. | .. |
| Cohasset, | 2,230 | 2 | 1 | 1 | 1 | .. | 1 | .. |
| Dalton, | 2,137 | 2 | 0 | .. | .. | .. | .. | .. |
| Groton, | 2,037 | 2 | 1 | .. | .. | .. | .. | .. |
| Longmeadow, | 1,787 | 1 | 0 | 1 | .. | .. | .. | .. |
| Shrewsbury, | 1,450 | 3 | 1 | .. | .. | .. | .. | .. |
| Enfield, | 1,010 | 1 | 0 | .. | .. | .. | .. | .. |
| Truro, | 972 | 0 | 0 | .. | .. | .. | .. | .. |
| Rutland, | 963 | 1 | 0 | 1 | .. | 1 | .. | .. |
| Melrose, | 6,717 | 2 | 0 | .. | .. | .. | .. | .. |
| Provincetown, | 4,534 | 7 | 2 | 2 | .. | 1 | 1 | .. |
| Hopkinton, | 3,922 | .. | .. | .. | .. | .. | .. | .. |
| Randolph, | 3,807 | 6 | 2 | 2 | .. | 1 | .. | .. |
| Northbridge, | 3,786 | 3 | 0 | .. | .. | .. | .. | .. |
| Concord | 3,727 | 2 | 0 | .. | .. | .. | 1 | .. |
| Mansfield, | 3,009 | 5 | 1 | .. | 1 | .. | .. | .. |
| Conway, | 1,573 | 4 | 0 | 1 | 1 | 1 | .. | .. |
| Heath, | 568 | 1 | 0 | .. | .. | .. | .. | .. |
| Bradford, | 3,292 | .. | .. | .. | .. | .. | .. | .. |
| No. Heath, | 568 | .. | .. | .. | .. | .. | .. | .. |
| Total of reporting towns, | 117,974 | 103 | 17 | 14 | 17 | 4 | 3 | 4 |

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Dec. 10, 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON
DEC 13 1887

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING DEC. 10, 1887.

### Deaths reported to the State Board of Health in 19 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Typhoid fever. | Diphtheria and Croup. | Scarlet Fever. |
| Boston, | 395,924 | 189 | 61 | 28 | 31 | 1 | 10 | 11 |
| Worcester, | 71,033 | 23 | 8 | 4 | 4 | 1 | 1 | .. |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 15 | 7 | 2 | 4 | 1 | .. | 1 |
| Fall River, | 58,316 | 20 | 11 | 3 | 4 | .. | 1 | .. |
| Lynn, | 47,733 | 14 | 5 | 2 | 2 | .. | 2 | .. |
| Lawrence, | 39,299 | .. | .. | .. | .. | .. | .. | .. |
| Springfield, | 38,364 | 18 | 6 | 2 | 4 | .. | 2 | .. |
| New Bedford, | 34,359 | 20 | 8 | 6 | .. | .. | 5 | .. |
| Somerville, | 31,080 | 10 | 3 | .. | .. | .. | .. | .. |
| Salem, | 28,320 | 9 | 2 | .. | 1 | .. | .. | .. |
| Holyoke, | 29,791 | .. | .. | .. | .. | .. | .. | .. |
| Chelsea, | 25,770 | 12 | 2 | 4 | .. | .. | 1 | 3 |
| Taunton, | 24,048 | .. | .. | .. | .. | .. | .. | .. |
| Haverhill, | 22,862 | 10 | 3 | 2 | 2 | 1 | .. | .. |
| Gloucester, | 22,344 | 8 | 2 | .. | 1 | .. | .. | .. |
| Brockton, | 22,787 | 8 | 1 | 1 | .. | .. | 1 | .. |
| Newton, | 20,207 | 6 | 4 | 1 | 1 | .. | .. | 1 |
| Malden, | 17,247 | 5 | 0 | 1 | .. | 1 | .. | .. |
| Fitchburg, | 15,760 | 7 | 3 | 1 | .. | .. | .. | .. |
| Waltham, | 15,290 | 4 | 1 | .. | 1 | .. | .. | .. |
| Newburyport, | 13,756 | 13 | 3 | 4 | 2 | .. | 4 | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 4 | 0 | 2 | .. | 1 | 1 | .. |
| Woburn, | 13,338 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Pittsfield, | 14,966 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Typhoid fever. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 955,059 | 395 | 130 | 63 | 57 | 6 | 28 | 16 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 19 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Sixty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 28; scarlet fever, 16; typhoid fever, 6; diarrhœal diseases, 4; cerebro-spinal meningitis, 3; erysipelas, 2; puerperal fever, 2; measles, 1; whooping cough, 1.

No deaths were reported from small-pox and malarial fever.

There were 57 deaths from consumption; acute lung diseases, 52; and still-births, 23.

From diarrhœal diseases: Boston, 2; Fall River and New Bedford, 1 each. From cerebro-spinal meningitis: Worcester, 2; Fall River, 1. From erysipelas: Boston, 2. From puerperal fever: Boston and Haverhill, 1 each. From measles: Fitchburg, 1. From whooping cough: Boston, 1.

Deaths from the principal infectious diseases numbered 63 against 79 for the preceding week.

Deaths under five years of age numbered 130 against 121 for the preceding week.

Cases reported in Boston: scarlet fever, 71; diphtheria, 25; typhoid fever, 10; and measles, 6.

The death rates for the week were: Boston, 24.82; Worcester, 16.79; Lowell, ——; Cambridge, 12.75; Fall River, 17.82; Lynn, 15.26; Lawrence, ——; Springfield, 24.30; New Bedford, 30.20; Somerville, 16.70; Salem, 16.56; Holyoke, ——; Chelsea, 24.12; Taunton, ——; Haverhill, 22.70; Gloucester, 18.64; Brockton, 18.24; Newton, 15.42; Malden, ——; Fitchburg, 23.06; Waltham, 13.60; Newburyport, 49.14; Northampton, ——.

The death rate for the week was 21.50 against 22.08 and 21.41 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Dec. 10, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Dec. Sunday, 4, | 30.39 | 40.0 | 41.0 | 34.0 | 87 | 88 | 88 | 87.0 | N. | S. E. | S. | 10 | 12 | 8 | O. | O. | O. | | |
| Monday, 5, | 30.05 | 42.0 | 50.0 | 36.0 | 88 | 90 | 82 | 87.0 | S. | W. | W. | 8 | 7 | 12 | O. | O. | C. | 4 | .07 |
| Tuesday, 6, | 30.19 | 37.0 | 44.0 | 32.0 | 76 | 52 | 77 | 68.0 | W. | W. | W. | 12 | 13 | 12 | C. | C. | C. | | |
| Wednes'y, 7, | 30.24 | 36.0 | 43.0 | 28.0 | 79 | 72 | 79 | 77.0 | N. W. | S. E. | S. | 4 | 4 | 6 | C. | O. | O. | | |
| Thursday, 8, | 30.25 | 40.0 | 44.0 | 38.0 | 81 | 72 | 82 | 78.0 | W. | N. E. | N. | 7 | 9 | 8 | O. | F. | F. | | |
| Friday, 9, | 30.53 | 34.0 | 37.0 | 33.0 | 81 | 72 | 76 | 76.0 | N. | E. | S. E. | 8 | 12 | 11 | O. | O. | C. | | |
| Saturday, 10, | 30.32 | 42.0 | 46.0 | 31.0 | 82 | 92 | 96 | 90.0 | S. E. | E. | S. E. | 3 | 8 | 12 | O. | O. | R. | 6 | .04 |
| Week, - - | 30.281 | 38.7 | 44.0 | 33.0 | | | | 80.4 | | | | | | | | | | 10 | .11 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Dec. 17, 1887.

PUBLISHED BY ORDER OF THE

STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
MAY 27 1919

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING DEC. 17, 1887.

### Deaths reported to the State Board of Health in 21 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Scarlet Fever. |
| Boston, | 395,924 | 208 | 52 | 27 | 39 | 4 | 10 | 5 |
| Worcester, | 71,033 | 16 | 10 | 4 | 1 | .. | 4 | .. |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 26 | 5 | 1 | 3 | .. | .. | .. |
| Fall River, | 58,316 | 20 | 9 | 4 | 5 | 1 | 2 | .. |
| Lynn, | 47,733 | 9 | 3 | 1 | 2 | .. | 1 | .. |
| Lawrence, | 39,299 | 15 | 5 | 2 | 2 | .. | 1 | 1 |
| Springfield, | 38,364 | 9 | 2 | 1 | 2 | 1 | .. | .. |
| New Bedford, | 34,359 | 9 | 3 | 3 | .. | .. | 3 | .. |
| Somerville, | 31,080 | 17 | 2 | 4 | 3 | .. | 2 | 2 |
| Salem, | 28,320 | 10 | 3 | .. | 2 | .. | .. | .. |
| Holyoke, | 29,791 | 4 | 0 | .. | .. | .. | .. | .. |
| Chelsea, | 25,770 | 7 | 1 | 1 | .. | .. | .. | 1 |
| Taunton, | 24,048 | .. | .. | .. | .. | .. | .. | .. |
| Haverhill, | 22,862 | 11 | 2 | 2 | 2 | .. | 2 | .. |
| Gloucester, | 22,344 | 4 | 0 | 2 | 1 | .. | 1 | .. |
| Brockton, | 22,787 | .. | .. | .. | .. | .. | .. | .. |
| Newton, | 20,207 | 9 | 1 | 2 | .. | .. | 2 | .. |
| Malden, | 17,247 | 7 | 2 | 2 | 2 | .. | 1 | 1 |
| Fitchburg, | 15,760 | 7 | 2 | 1 | .. | .. | 1 | .. |
| Waltham, | 15,290 | 9 | 2 | 2 | .. | .. | 2 | .. |
| Newburyport, | 13,756 | 6 | 1 | .. | .. | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 5 | 2 | .. | 2 | .. | .. | .. |
| Woburn, | 13,338 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | 4 | 3 | .. | .. | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Pittsfield, | 14,966 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,012,974 | 412 | 110 | 59 | 66 | 6 | 32 | 10 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 21 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Fifty-nine deaths were reported from the principal infectious diseases: diphtheria and croup, 32; scarlet fever, 10; diarrhœal diseases, 6; erysipelas, 3; typhoid fever, 3; puerperal fever, 3; whooping cough, 1; cerebro-spinal meningitis, 1.

No deaths were reported from small-pox, malarial fevers and measles.

There were 66 deaths from consumption; acute lung diseases, 50; and still-births, 26.

From erysipelas: Boston, 3. From typhoid fever: Boston, 3. From puerperal fever: Boston, Cambridge and Gloucester, 1 each. From whooping cough: Boston, 1. From cerebro-spinal meningitis: Fall River, 1.

Deaths from the principal infectious diseases numbered 59 against 63 for the preceding week.

Deaths under five years of age numbered 110 against 130 for the preceding week.

Cases reported in Boston: scarlet fever, 65; diphtheria, 28; typhoid fever, 12; and measles, 8.

The death rates for the week were: Boston, 27.30; Worcester, 11.68; Lowell, ——; Cambridge, 22.10; Fall River, 17.82; Lynn, 9.81; Lawrence, 19.80; Springfield, 12.14; New Bedford, 13.59; Somerville, 28.39; Salem, 18.40; Holyoke, 7.00; Chelsea, 14.07; Taunton, ——; Haverhill, 24.97; Gloucester, 9.32; Brockton, ——; Newton, 23.13; Malden, 21.07; Fitchburg, 23.03; Waltham, 30.60; Newburyport, 22.68; Northampton, ——.

The death rate for the week was 21.14 against 21.50 and 22.08 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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## The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Dec. 17, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Dec. | | | | | | | | | | | | | | | | | | | |
| Sunday, 11, | 29.90 | 56.0 | 59.0 | 44.0 | 100 | 94 | 100 | 98.0 | S. | S. | S. E. | 11 | 6 | 1 | R. | O. | G. | 14 | .42 |
| Monday, 12, | 29.81 | 46.0 | 58.0 | 37.0 | 96 | 69 | 75 | 80.0 | N. W. | W. | W. | 8 | 14 | 14 | O. | O. | C. | 4 | .12 |
| Tuesday, 13, | 30.17 | 37.0 | 58.0 | 32.0 | 72 | 54 | 77 | 68.0 | W. | W. | W. | 16 | 14 | 10 | C. | C. | C. | | |
| Wednes'y, 14, | 30.27 | 37.0 | 44.0 | 24.0 | 80 | 65 | 82 | 76.0 | W. | S. E. | S. E. | 6 | 5 | 6 | C. | C. | C. | | |
| Thursday, 15, | 29.85 | 39.0 | 46.0 | 32.0 | 92 | 100 | 100 | 97.0 | W. | N. E. | N. | 4 | 5 | 12 | O. | R. | R. | 24 | .57 |
| Friday, 16, | 29.97 | 34.0 | 37.0 | 27.0 | 65 | 54 | 78 | 66.0 | N. W. | N. W. | N. W. | 30 | 36 | 14 | O. | C. | C. | | |
| Saturday, 17, | 29.64 | 35.0 | 41.0 | 26.0 | 56 | 39 | 56 | 50.0 | N. W. | W. | S. E. | 8 | 5 | 3 | C. | O. | O. | | |
| Week, - - | 29.944 | 40.6 | 49.0 | 32.0 | | | | 76.4 | | | | | | | | | | 42 | 1.11 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Dec. 24, 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
JAN 5 E 1888

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING DEC. 24, 1887.

### Deaths reported to the State Board of Health in 21 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Typhoid Fever. | Diphtheria and Croup. | Scarlet Fever. |
| Boston, | 395,924 | 172 | 67 | 36 | 19 | .. | 11 | 19 |
| Worcester, | 71,033 | 26 | 10 | 6 | 2 | 2 | 3 | .. |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 21 | 7 | 5 | 2 | 1 | 2 | 1 |
| Fall River, | 58,316 | 21 | 7 | 4 | 6 | .. | 2 | .. |
| Lynn, | 47,733 | 14 | 3 | 2 | 2 | .. | 1 | .. |
| Lawrence, | 39,299 | 19 | 5 | 2 | 7 | 1 | .. | 1 |
| Springfield, | 38,364 | .. | .. | .. | .. | .. | .. | .. |
| New Bedford, | 34,359 | 11 | 7 | 5 | .. | .. | 5 | .. |
| Somerville, | 31,080 | 15 | 5 | 4 | 1 | .. | .. | 2 |
| Salem, | 28,320 | 16 | 1 | 2 | 2 | .. | 2 | .. |
| Holyoke, | 29,791 | 10 | 6 | .. | 4 | .. | .. | .. |
| Chelsea, | 25,770 | 9 | 1 | 3 | .. | .. | 1 | 2 |
| Taunton, | 24,048 | 9 | 3 | 2 | 1 | 1 | 1 | .. |
| Haverhill, | 22,862 | 7 | 1 | 2 | 1 | 1 | 1 | .. |
| Gloucester, | 22,344 | 5 | 0 | .. | 2 | .. | .. | .. |
| Brockton, | 22,787 | 5 | 1 | 1 | 1 | 1 | .. | .. |
| Newton, | 20,207 | 2 | 0 | .. | .. | .. | .. | .. |
| Malden, | 17,247 | 5 | 2 | 1 | 2 | .. | .. | 1 |
| Fitchburg, | 15,760 | 8 | 3 | 1 | 1 | .. | .. | .. |
| Waltham, | 15,290 | 6 | 1 | 2 | 2 | .. | 1 | .. |
| Newburyport, | 13,756 | 5 | 2 | .. | 1 | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 6 | 3 | 1 | 1 | .. | 1 | .. |
| Woburn, | 13,338 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Pittsfield, | 14,966 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Typhoid Fever. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,009,833 | 392 | 135 | 79 | 57 | 7 | 31 | 26 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 21 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Seventy-nine deaths were reported from the principal infectious diseases: diphtheria and croup, 31; scarlet fever, 26; typhoid fever, 7; whooping cough, 4; diarrhœal diseases, 4; measles, 2; cerebro-spinal meningitis, 2; puerperal fever, 2; erysipelas, 1.

No deaths were reported from small-pox and malarial fevers.

There were 57 deaths from consumption; acute lung diseases, 53; and still-births, 21.

From whooping cough: Boston, 3; Waltham, 1. From diarrhœal diseases: Fall River, 2; Boston and Somerville, 1 each. From measles: Boston and Fitchburg, 1 each. From cerebro-spinal meningitis: Lynn and Somerville, 1 each. From puerperal fever: Boston and Cambridge, 1 each. From erysipelas: Worcester, 1.

Deaths from the principal infectious diseases numbered 79 against 59 for the preceding week.

Deaths under five years of age numbered 135 against 110 for the preceding week.

Cases reported in Boston: scarlet fever, 63; diphtheria, 26; typhoid fever, 11; and measles, 11.

The death rates for the week were: Boston, 22.58; Worcester, 18.98; Lowell, ——; Cambridge, 17.85; Fall River, 18.71; Lynn, 15.26; Lawrence, 25.08; Springfield, ——; New Bedford, 16.61; Somerville, 25.05; Salem, 29.60; Holyoke, 17.50; Chelsea, ——; Taunton, 19.44; Haverhill, 15.89; Gloucester, 11.65; Brockton, 11.40; Newton, 5.14; Malden, 15.05; Fitchburg, 26.14; Waltham, 20.40; Newburyport, 18.90; Northampton, ——.

The death rate for the week was 20.18 against 21.14 and 21.50 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Dec. 24, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Dec. | | | | | | | | | | | | | | | | | | | |
| Sunday, 18, | 29.15 | 33.0 | 42.0 | 30.0 | 100 | 100 | 90 | 97.0 | N. | W. | W. | 36 | 16 | 23 | R. | N. | O. | 14 | .31 |
| Monday, 19, | 29.78 | 34.0 | 38.0 | 28.0 | 80 | 60 | 75 | 72.0 | N. W. | N. W. | N. W. | 26 | 24 | 18 | O. | O. | C. | | |
| Tuesday, 20, | 30.05 | 39.0 | 48.0 | 28.0 | 68 | 38 | 92 | 66.0 | W. | W. | W. | 11 | 6 | 5 | C. | F. | T. | | |
| Wednes'y, 21, | 29.77 | 35.0 | 40.0 | 34.0 | 100 | 96 | 80 | 92.0 | N. E. | W. | W. | 12 | 6 | 12 | R. | O. | C. | 12 | .17 |
| Thursday, 22, | 29.76 | 27.0 | 36.0 | 21.0 | 79 | 61 | 73 | 71.0 | W. | W. | W. | 5 | 24 | 18 | F. | F. | C. | $\frac{3}{4}$ | *T |
| Friday, 23, | 29.94 | 21.0 | 27.0 | 15.0 | 69 | 59 | 55 | 64.0 | N. W. | N. W. | N. W. | 12 | 14 | 9 | C. | C. | O. | | |
| Saturday, 24, | 29.89 | 25.0 | 33.0 | 16.0 | 69 | 80 | 83 | 74.0 | N. W. | E. | N. | 8 | 8 | 4 | F. | C. | O. | | |
| Week, - - | 29.763 | 30.6 | | | | | | 76.6 | | | | | | | | | | $26\frac{3}{4}$ | .48 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow; *T., Trace.

# Weekly Return of Mortality

—OF—

# MASSACHUSETTS.

Dec. 31, 1887.

PUBLISHED BY ORDER OF THE

## STATE BOARD OF HEALTH.

STATE LIBRARY OF MASSACHUSETTS,
STATE HOUSE, BOSTON.
JAN 12 1888

# MORTALITY OF MASSACHUSETTS

## FOR THE WEEK ENDING DEC. 31, 1887.

### Deaths reported to the State Board of Health in 22 Cities and Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon the postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

| CITIES AND TOWNS. | Estimated Population. | Reported Deaths in Each. | Deaths under 5 years. | Deaths From | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Principal Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Scarlet Fever. |
| Boston, | 395,924 | 214 | 64 | 33 | 23 | 2 | 17 | 8 |
| Worcester, | 71,033 | 22 | 15 | 2 | 4 | .. | 1 | 1 |
| Lowell, | 65,967 | .. | .. | .. | .. | .. | .. | .. |
| Cambridge, | 61,132 | 28 | 8 | 2 | 3 | .. | 2 | .. |
| Fall River, | 58,316 | 20 | 12 | 4 | 3 | 2 | 2 | .. |
| Lynn, | 47,733 | 17 | 7 | 1 | 3 | .. | 1 | .. |
| Lawrence, | 39,299 | 18 | 6 | 2 | 2 | .. | 1 | .. |
| Springfield, | 38,364 | 17 | 8 | 8 | .. | 1 | 6 | .. |
| New Bedford, | 34,359 | 12 | 5 | 3 | 1 | .. | 3 | .. |
| Somerville, | 31,080 | 12 | 3 | 3 | 3 | .. | .. | 3 |
| Salem, | 28,320 | 12 | 5 | 2 | 2 | .. | 2 | .. |
| Holyoke, | 29,791 | 11 | 3 | 1 | 2 | 1 | .. | 3 |
| Chelsea, | 25,770 | 16 | 6 | 6 | 2 | .. | 1 | .. |
| Taunton, | 24,048 | 7 | 2 | .. | 2 | .. | .. | .. |
| Haverhill, | 22,862 | 13 | 7 | 2 | 3 | .. | 2 | .. |
| Gloucester, | 22,344 | 3 | 0 | .. | 1 | .. | .. | .. |
| Brockton, | 22,787 | 6 | 1 | 2 | 2 | .. | 2 | .. |
| Newton, | 20,207 | 5 | 0 | .. | 1 | .. | .. | .. |
| Malden, | 17,247 | 8 | 3 | 1 | .. | .. | .. | 1 |
| Fitchburg, | 15,760 | 12 | 1 | 2 | 4 | .. | .. | .. |
| Waltham, | 15,290 | 2 | 0 | .. | 2 | .. | .. | .. |
| Newburyport, | 13,756 | 4 | 2 | .. | .. | .. | .. | .. |
| Northampton, | 13,103 | .. | .. | .. | .. | .. | .. | .. |
| Quincy, | 12,775 | 7 | 0 | 5 | 1 | .. | 4 | .. |
| Woburn, | 13,338 | .. | .. | .. | .. | .. | .. | .. |
| Chicopee, | 11,976 | .. | .. | .. | .. | .. | .. | .. |
| Marlborough, | 11,026 | .. | .. | .. | .. | .. | .. | .. |
| North Adams, | 12,540 | .. | .. | .. | .. | .. | .. | .. |
| Middleborough, | 10,941 | .. | .. | .. | .. | .. | .. | .. |
| Pittsfield, | 14,966 | .. | .. | .. | .. | .. | .. | .. |

## RECAPITULATION.

| | Population. | Deaths. | Deaths under five. | Infectious Diseases. | Consumption. | Diarrhœal Diseases. | Diphtheria and Croup. | Scarlet Fever. |
|---|---|---|---|---|---|---|---|---|
| Total of reporting towns, | 1,048,197 | 466 | 158 | 79 | 64 | 6 | 44 | 16 |

## REPORTED DEATHS FROM PREVALENT DISEASES IN THE 22 CITIES AND GREATER TOWNS OF MASSACHUSETTS.

Seventy-nine deaths were reported from the principal infections diseases: diphtheria and croup, 44; scarlet fever, 16; diarrhœal diseases, 6; typhoid fever, 6; erysipelas, 3; whooping cough, 1; cerebro-spinal meningitis, 1; puerperal fever, 1.

No deaths were reported from small-pox, measles and malarial fevers.

There were 64 deaths from consumption; acute lung diseases, 58; and still-births, 25.

From typhoid fever: Boston, 3; Fitchburg, 2; Lawrence, 1. From erysipelas: Chelsea, 2; Boston, 1. From cerebro-spinal meningitis: Springfield, 1. From whooping cough: Boston, 1. From puerperal fever: Boston, 1.

Deaths from the principal infectious diseases numbered 79, the same number as for the preceding week.

Deaths under five years of age numbered 158 against 135 for the preceding week.

Cases reported in Boston: scarlet fever, 44; diphtheria, 33; and measles, 15.

The death rates for the week were: Boston, 28.09; Worcester, 16.06; Lowell, ——; Cambridge, 23.80; Fall River, 17.82; Lynn, 18.53; Lawrence, 23.76; Springfield, 22.95; New Bedford, 18.12; Somerville, 20.14; Salem, 22.08; Holyoke, 19.25; Chelsea, 32.16; Taunton, 15.12; Haverhill, 29.51; Gloucester, 6.99; Brockton, 13.68; Newton, 12.85; Malden, 24.08; Fitchburg, 39.48; Waltham, 6.80; Newburyport, 15.12; Northampton, ——.

The death rate for the week was 23.12 against 20.18 and 21.14 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M. D., *Secretary of the State Board of Health.*

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# The Meteorological Record for the Week, in Boston, was as follows:

| DATE. | BAROM-ETER. | THER-MOMETER. | | | RELATIVE HUMIDITY. | | | | DIRECTION OF WIND. | | | VELOCITY OF WIND. | | | STATE OF WEATHER.* | | | RAIN-FALL. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Week ending Saturday, Dec. 31, 1887. | MEAN. | MEAN. | MAXIMUM. | MINIMUM. | 7 A. M. | 3 P. M. | 10 P. M. | MEAN. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | 7 A. M. | 3 P. M. | 10 P. M. | HOURS DURATION. | AMOUNT IN INCHES. |
| Dec. Sunday, 25, | 29.87 | 27.0 | 30.0 | 26.0 | 95 | 82 | 89 | 89.0 | N. | N. | N. | 12 | 12 | 3 | N. | O. | O. | 8 | *T |
| Monday, 26, | 30.02 | 22.0 | 28.0 | 18.0 | 86 | 88 | 100 | 91.0 | N. | N. | N. | 8 | 12 | 12 | O. | N. | N. | 10 | .25 |
| Tuesday, 27, | 30.18 | 20.0 | 23.0 | 16.0 | 84 | 87 | 79 | 83.0 | N. W. | N. | N. W. | 12 | 5 | 1 | N. | O. | O. | 11 | .20 |
| Wednes'y, 28, | 29.71 | 33.0 | 50.0 | 16.0 | 100 | 100 | 64 | 88.0 | N. | S. E. | W. | 2 | 24 | 24 | O. | R. | F. | 8 | .58 |
| Thursday, 29, | 29.77 | 17.0 | 36.0 | 10.0 | 60 | 63 | 64 | 62.0 | W. | W. | W. | 23 | 30 | 24 | C. | C. | C. | | |
| Friday, 30, | 30.21 | 11.0 | 15.0 | 8.0 | 60 | 62 | 61 | 61.0 | N. W. | W. | W. | 18 | 20 | 19 | F. | C. | C. | | |
| Saturday, 31, | 30.47 | 14.0 | 20.0 | 5.0 | 77 | 56 | 65 | 66.0 | W. | W. | S. | 18 | 10 | 5 | F. | O. | O. | | |
| Week, - - | 30.033 | 20.6 | 29.0 | 14.0 | | | | 77.1 | | | | | | | | | | 37 | 1.03 |

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow; *T., Trace of precipitation.